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ANNUAL REGISTER UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD.

EIGHTY-SIXTH ACADEMIC
YEAR, 1930-1931  



ANNUAL REGISTER
OF THE
UNITED STATES NAVAL ACADEMY
ANNAPOLIS, MD.

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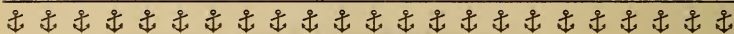
EIGHTY-SIXTH ACADEMIC YEAR
1930-1931



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CONTENTS

	Page
MISSION OF NAVAL ACADEMY.....	IV
HISTORICAL SKETCH.....	1
SUPERINTENDENTS.....	14
BOARD OF VISITORS.....	15
ACADEMIC CALENDAR.....	16
CALENDAR, 1930-31.....	17
OFFICERS AND CIVILIAN INSTRUCTORS ATTACHED TO THE UNITED STATES NAVAL ACADEMY.....	18
ACADEMIC BOARD.....	25
MIDSHIPMEN OFFICERS AND PETTY OFFICERS, 1930-31.....	26
PRACTICE CRUISE, SUMMER OF 1930.....	29
MERIT ROLLS FOR 1929-30.....	30
MIDSHIPMEN OF THE FOURTH CLASS AT THE BEGINNING OF ACADEMIC YEAR 1930-31.....	112
NUMERICAL SUMMARY.....	124
APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.....	125
SECOND CLASS ORGANIZATION, SUMMER 1930.....	133
LIST OF MEMBERS OF CLASS OF 1932 RETAINED AT NAVAL ACADEMY FOR AVIATION INSTRUCTION, SUMMER OF 1930.....	134
COURSE OF INSTRUCTION, 1930-31.....	137
ASSIGNMENT OF TIME, 1930-31.....	141
TABLE OF COEFFICIENTS, 1930-31.....	141
PROGRAMS OF RECITATIONS, 1930-31.....	142
SCHEDULE OF FRIDAY NIGHT LECTURES.....	144
ARRANGEMENT OF COURSES, 1930-31.....	145
RÉSUMÉ OF COURSE OF INSTRUCTION.....	147
LIBRARY.....	159
SUMMARY OF COURSE IN AVIATION INSTRUCTION.....	160
PRIZES, MEDALS, ETC., PRESENTED 1929-30.....	161



THE MISSION

TO mold the material received into educated gentlemen, thoroughly indoctrinated with honor, uprightness, and truth, with practical rather than academic minds, with thorough loyalty to country, with a groundwork of educational fundamentals upon which experience afloat may build the finished naval officer, capable of upholding, whenever and wherever may be necessary, the honor of the United States; and withal giving due consideration that healthy minds in healthy bodies are necessities for the fulfillment of the individual missions of the graduates; and that fullest efficiency under this mission can only be attained if, through just and humane yet firm discipline, the graduates carry into the service respect and admiration for this academy

THE UNITED STATES NAVAL ACADEMY

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up for the purpose by the War Department by the Hon. William L. Marcy, then Secretary of War. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick.

Commander Franklin Buchanan.

Commander Samuel F. DuPont.

Commander George P. Upshur.

Surg. W. S. W. Ruschemberger.

Prof. William Chauvenet.

Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner.

Capt. Samuel L. Breese.

Commander C. K. Stribling.

Commander A. Bigelow.

Commander Franklin Buchanan.

Lieut. Thomas T. Craven.

The change recommended by the board of examiners and adopted by the department consisted mainly in leaving out the requirements of three years of sea service in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the remainder of the class followed in 1855.

In May, 1861, on the outbreak of the war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management still being conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subject of steam engineering mechanism, chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

An act of Congress approved June 23, 1874, provides as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases when it shall come to the knowledge of the Superintendent of the Naval Academy, at Annapolis, that any cadet midshipman or cadet engineer has been guilty of the offense commonly known as hazing, it shall be the duty of said superintendent to order a court-martial, composed of not less than three commissioned officers, who shall minutely examine into all the facts and circumstances of the case and make a finding thereon; and any cadet midshipman or cadet engineer found guilty of said offense by said court shall, upon recommendation of said court, be dismissed; and such finding, when approved by said superintendent, shall be final; and the cadet so dismissed from said Naval Academy shall be forever ineligible to reappointment to said Naval Academy."

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet

midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: *And provided further*, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in order of merit, as determined by the academic board of the Naval Academy; the assignment of the various corps to be made by the Secretary of the Navy upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed.

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall, on or before the thirtieth day of September in each year, separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: *Provided*, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two,

shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of the following years as they shall become available.

"That after the fourth day of March, eighteen hundred and eighty-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the maximum age twenty years."

In October, 1897, a postgraduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were transferred to the "Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the postgraduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that—

"The title 'naval cadet' is hereby changed to 'midshipman.'"

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that—

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, Districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: *Provided further*, That Members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, District, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, District, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State,

District, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

"That the provision of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

"All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class, unless recommended by the board of examiners." (R. S. sec. 1515.)

"When any candidate who has been nominated upon the recommendation of a Member or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Member or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section." (R. S. sec. 1516.)

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"SEC. 2. That so much of the acts approved June twenty-third eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a

court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act, are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"SEC. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing, may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"SEC. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgment of any right, privilege, or advantage to which he shall be legally entitled.

"SEC. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be tried by court-martial for neglect of duty, and, if convicted, he shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"SEC. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial if by existing law such sentence would be now necessary for such punishment or punished more severely than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress, June 29, 1906, it was provided that—

"Hereafter, the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of the midshipmen on the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist, and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: *Provided*, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: *And provided*, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, according to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: *And provided further*, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That the midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

“Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law.”

An act of Congress approved February 15, 1916, reads as follows:

“Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy three midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, ten appointed each year at large, and fifteen appointed annually from enlisted men of the Navy, as now authorized by law.

“SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed.”

Public Resolution, No. 7, Sixty-fourth Congress, approved February 15, 1916, provides as follows:

“Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and he hereby is, authorized to permit Mr. Carlos Hevia y Reyes Gavilan, a citizen of Cuba, to receive instruction at the United States Naval Academy at Annapolis: *Provided*, That no expense shall be caused to the United States thereby, and that the said Carlos Hevia y Reyes Gavilan shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Carlos Hevia y Reyes Gavilan shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies, or conduct, and so recommended by the academic board.”

An act of Congress approved August 29, 1916, provides as follows:

“Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy and who passed the physical examinations required before entrance under existing laws.

“That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated, one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: *Provided*, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to

the same rules and regulations governing admission, attendance, discipline, resignation, discharge, dismissal, and graduation as are authorized by law and regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

"Provided further, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member."

An act of Congress approved March 4, 1917, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: Provided, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws."

"The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this act, and may during said two years graduate classes which have completed a three-year course."

An act of Congress approved April 25, 1917, reads as follows:

"AN ACT To increase the number of midshipmen at the Naval Academy until September first, nineteen hundred and eighteen"

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That, in addition to the number of midshipmen now authorized by law, there shall be appointed during the period from the date of passage of this act until September first, nineteen hundred and eighteen, one additional midshipman for each Senator, Representative, and Delegate in Congress. Nominations shall be made for these vacancies by the Senators, Representatives, and Delegates concerned for any regular or special examination that may be ordered before that date."

An act of Congress approved December 20, 1917, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, as now authorized by law."

"SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

An act of Congress approved April 2, 1918, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction."

The following classes were graduated in accordance with the act of Congress of April 2, 1918, authorizing a reduction in the course:

Class	Date graduated	Members graduated
1917-----	Mar. 29, 1917	182
1918-----	June 28, 1917	199
1919-----	June 6, 1918	199
1920-----	June 6, 1919	460
1921 (first half)-----	June 3, 1920	286

On June 6, 1919, the class of 1921 was divided, and the first half, according to general merit for the third-class year, became the first class and continued the three years' course; the second half became the second class and resumed the four years' course.

An act of Congress approved May 14, 1918, reads as follows:

"AN ACT To fix the age limits for candidates for admission to the United States Naval Academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: *Provided,* That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen."

An act of Congress approved July 11, 1919, reads as follows:

"Section 1 of the act entitled 'An act to increase the number of midshipmen at the United States Naval Academy,' approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law."

This act also provides that all midshipmen entering the Naval Academy subsequent to June 1, 1919, shall be allowed mileage, at 5 cents per mile, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and that the pay of midshipmen shall hereafter be \$780 per annum.

The following clause was contained in the deficiency act approved June 5, 1920:

"That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms."

A clause in the naval appropriation bill, act of July 12, 1921, provides that a candidate for midshipman so desiring may receive a credit of \$250 upon entrance toward defraying the entering expenses.

INSTRUCTIONS TO CANDIDATES FOR MIDSHIPMEN REGARDING ENTRANCE DEPOSIT

Each candidate who has qualified mentally and physically must, before being admitted as a midshipman, deposit with the midshipmen's storekeeper the sum of \$100, to be used in part payment to cover cost of uniforms, clothing, textbooks, etc. The amount deposited is not refunded but is expended for clothing and textbooks, which become the property of the midshipman.

An act of Congress approved July 12, 1921, reads as follows: "*Provided, That* hereafter each new midshipman shall, upon admission to the Naval Academy, be credited with the sum of \$250 to cover the cost of his initial clothing and equipment issue, to be deducted subsequently from his pay: *Provided further, That* the foregoing proviso shall apply to midshipmen who enter the Naval Academy during the period between June 20, 1921, and the date of the approval of this act." This sum is needed in addition to the \$100 cash deposit referred to above to complete paying for the uniforms, clothing, textbooks, etc., required before a midshipman enters upon his studies. This amount is deducted from the midshipman's pay in monthly installments. Any midshipman may, however, immediately after entering the academy repay this amount in full from his own funds and thus obviate the necessity of having a certain amount deducted monthly from his pay for this purpose. It is urgently recommended that all those midshipmen financially able to do so make the repayment as soon as possible after entering the academy.

An act providing for the readmission of certain deficient midshipmen to the United States Naval Academy, approved October 22, 1921, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That* the Secretary of the Navy is authorized, upon application, to admit to and reinstate in the United States Naval Academy, subject to examination as to physical qualifications, as provided by law, but waiving the provisions of law as to age requirements, all former midshipmen at the United States Naval Academy found deficient at the end of the first term of the academic year 1920-21 whose resignations were asked for and received by the Superintendent of the Naval Academy: *Provided, That* they shall upon admission be placed in the class one year behind their former class in each case: *Provided further, That* said midshipmen affected by this act must signify their acceptance of the benefits thereof by presenting themselves for physical examination within one month of the date of its approval, and if found qualified will enter the Naval Academy immediately.

"SEC. 2. That the clause in the act approved June 5, 1920 (Forty-first Statutes p. 1028), entitled 'An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1920, and for other purposes,' which reads as follows: 'That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms,' be, and the same hereby is, repealed, and section 1519 of the Revised Statutes restored to its full force and effect."

Public Resolution No. 72, Sixty-seventh Congress, approved September 18, 1922, provides as follows:

"*Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That* the Secretary of the Navy be, and hereby is, authorized to permit Mr. Willem van Doorn, a subject of the Netherlands, to receive instruction at the United States Naval Academy at Annapolis: *Provided,*

That no expense shall be caused to the United States thereby, and that the said Willem van Doorn shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Willem van Doorn shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies or conduct and so recommended by the academic board."

An act of Congress approved January 22, 1923, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission, subsequent to the class entering the Naval Academy next after the approval of this act, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of one midshipman from Porto Rico, appointed on the nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved May 28, 1924, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to February 9, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 11, 1925, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to December 13, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 28, 1925, reads as follows:

"That hereafter the Secretary of the Navy is authorized to appoint midshipmen to the Naval Academy from the enlisted men of the Naval Reserve and Marine Corps Reserve under similar conditions as prescribed by law for appointments from enlisted men of the Navy: *Provided*, That not more than twenty-five midshipmen shall be appointed in any one year under the authority contained in this section." (Sec. 8, Public No. 512—H. R. 9634.)

An act of Congress approved May 21, 1926, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January 13, 1926, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three

midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large from the enlisted personnel of the naval service or from the Naval Reserve: *And provided further*, That in computing for any purpose the length of service of any officer of the Navy, of the Marine Corps, of the Coast Guard, of the Coast and Geodetic Survey, or of the Public Health Service, who was appointed to the United States Naval Academy or to the United States Military Academy after March 4, 1913, the time spent at either academy shall not be counted."

An act of Congress approved June 8, 1926, reads as follows:

"That the number of cadets now authorized by law at the United States Military Academy, and the number of midshipmen now authorized by law at the United States Naval Academy, are each hereby increased by forty from the United States at large, to be appointed by the President from among the sons of officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps of the United States who were killed in action or died prior to July 2, 1921, of wounds or injuries received or disease contracted in line of duty during the World War: *Provided*, That one-half shall be appointed from among the sons of officers, and one-half from among the sons of warrant officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps." (Public Act 348.)

An act of Congress approved February 26, 1927, reads as follows:

"That the act entitled 'An act to fix the age limits for candidates for admission to the United States Naval Academy,' approved May 14, 1918, be amended by the addition of the following proviso: '*Provided further*, That the foregoing shall not be held to exclude the admission of a candidate the twentieth anniversary of whose birth occurs on the 1st day of April of the calendar year in which he shall enter.'"

An act of Congress approved May 21, 1928, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to March 21, 1928, would result in exceeding at any time an allowance of four midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of four midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve."

An act of Congress approved May 28, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That hereafter there shall be allowed at the United States Naval Academy, in addition to those allowed by existing law, midshipmen appointed at large by the Vice President of the United States, equivalent in number to those allowed for each United States Senator."

An act of Congress approved June 8, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the Secretary of the Navy is authorized and directed to reinstate Larry Cardwell in the United States Naval Academy, of which he was a midshipman at the time of his discharge on November 19, 1926; the said Larry Cardwell to become a member of the class of 1930 on the date of reinstatement, and to be accorded all rights, privileges, and benefits to which he would have been entitled had he not been so discharged."

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed command
Commander Franklin Buchanan.....	Sept. 3, 1845
Commander George P. Upshur.....	Mar. 15, 1847
Commander Cornelius K. Stribling.....	July 1, 1850
Commander Louis M. Goldsborough.....	Nov. 1, 1853
Capt. George S. Blake.....	Sept. 15, 1857
Rear Admiral David D. Porter.....	Sept. 9, 1865
Commodore John L. Worden.....	Dec. 1, 1869
Rear Admiral Christopher R. P. Rodgers.....	Sept. 22, 1874
Commodore Foxhall A. Parker.....	July 1, 1878
Rear Admiral George P. Balch.....	Aug. 2, 1879
Rear Admiral Christopher R. P. Rodgers.....	June 13, 1881
Capt. Francis M. Ramsay.....	Nov. 14, 1881
Commander William T. Sampson.....	Sept. 9, 1886
Capt. Robert L. Pythian.....	June 13, 1890
Capt. Philip H. Cooper.....	Nov. 15, 1894
Rear Admiral Frederick V. McNair.....	July 15, 1898
Commander Richard Wainwright.....	Mar. 15, 1900
Capt. Willard H. Brownson.....	Nov. 6, 1902
Rear Admiral James H. Sands.....	July 1, 1905
Capt. Charles J. Badger.....	July 15, 1907
Capt. John M. Bowyer.....	June 10, 1909
Capt. John H. Gibbons.....	May 15, 1911
Capt. William F. Fullam.....	Feb. 7, 1914
Capt. Edward W. Eberle.....	Sept. 20, 1915
Capt. Archibald H. Scales.....	Feb. 12, 1919
Rear Admiral Henry B. Wilson.....	July 5, 1921
Rear Admiral Louis M. Nulton.....	Feb. 23, 1925
Rear Admiral Samuel S. Robison.....	June 16, 1928

BOARD OF VISITORS

BY THE PRESIDENT

Mr. Leroy T. Vernon.	Mr. Warren Kearny.
Rear Admiral Henry T. Mayo, U. S. N. (retired). ¹	Hon. Luke Lea. ²
Mr. Everit J. Sadler. ²	Mr. H. Gerrish Smith.
	Mr. Joshua Green.

BY THE VICE PRESIDENT

Senator Frederick Hale. ²	Senator Henry J. Allen. ²
Senator Millard E. Tydings. ²	Senator Edwin S. Broussard. ²
Senator Phillips Lee Goldsborough. ²	

BY THE SPEAKER OF THE HOUSE

Representative Fred A. Britten. ²	Representative Harcourt J. Pratt. ²
Representative Royal C. Johnson.	Representative John M. Evans.
Representative C. Ellis Moore.	Representative Edgar Howard.

Commander W. N. Richardson, jr., United States Navy, Secretary to Board of Visitors

¹ Chairman.

² Were not present.

ACADEMIC CALENDAR, 1930-31

1930.

September 26..... Beginning of first term..... Friday.

1931.

February 2..... Beginning of second term..... Monday.
 February 18..... Examination of candidates..... Wednesday.
 April 15..... Examination of candidates..... Wednesday.
 May 29..... End of academic year..... Friday.
 May 30 to June 4. Graduation week..... Saturday to Thursday.
 June 4..... Graduation day..... Thursday.
 June 5..... Beginning of summer term..... Friday.
 September 24..... End of summer term..... Thursday.
 September 25..... Beginning of academic year 1931-32. Friday.

The academic months for 1930-31 will end as follows:

FIRST TERM		SECOND TERM	
October.....	October 25.	February.....	February 28.
November.....	November 22.	March.....	March 28.
December.....	December 20.	April.....	April 25.
January.....	January 31.	May.....	May 29.

Holidays:

Thanksgiving, Thursday, November 27, 1930.
 Christmas holiday, December 20, 1930, to January 1, 1931.
 Washington's Birthday, Monday, February 23, 1931.
 Decoration Day, Saturday, May 30, 1931.

Lent:

Ash Wednesday, February 18.
 Good Friday, April 3.
 Easter Sunday, April 5.

Date for Board of Visitors, April 27-30 (inclusive).

CALENDAR FOR 1930 AND 1931

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

SEPTEMBER							APRIL						
Su	M	T	W	T	F	S	Su	M	T	W	T	F	S
7	1	2	3	4	5	6	5	6	7	1	2	3	4
14	8	9	10	11	12	13	12	13	14	15	16	17	18
21	15	16	17	18	19	20	19	20	21	22	23	24	25
28	22	23	24	25	26	27	26	27	28	29	30		
OCTOBER							MAY						
5	6	7	1	2	3	4	3	4	5	6	7	1	2
12	13	14	8	9	10	11	10	11	12	13	14	8	9
19	20	21	15	16	17	18	17	18	19	20	21	15	16
26	27	28	22	23	24	25	24	25	26	27	28	22	23
			29	30	31		31					29	30
NOVEMBER							JUNE						
2	3	4	5	6	7	1	7	1	2	3	4	5	6
9	10	11	12	13	14	8	14	8	9	10	11	12	13
16	17	18	19	20	21	15	21	15	16	17	18	19	20
23	24	25	26	27	28	22	28	22	23	24	25	26	27
30						29		30					
DECEMBER							JULY						
7	1	2	3	4	5	6	5	6	7	1	2	3	4
14	8	9	10	11	12	13	12	13	14	15	16	17	18
21	15	16	17	18	19	20	19	20	21	22	23	24	25
28	22	23	24	25	26	27	26	27	28	29	30	31	
JANUARY							AUGUST						
4	5	6	7	1	2	3	2	3	4	5	6	7	1
11	12	13	14	8	9	10	9	10	11	12	13	14	8
18	19	20	21	15	16	17	16	17	18	19	20	21	15
25	26	27	28	22	23	24	23	24	25	26	27	28	22
				29	30	31	30	31					
FEBRUARY							SEPTEMBER						
1	2	3	4	5	6	7	6	7	1	2	3	4	5
8	9	10	11	12	13	14	13	14	8	9	10	11	12
15	16	17	18	19	20	21	20	21	15	16	17	18	19
22	23	24	25	26	27	28	27	28	22	23	24	25	26
MARCH							OCTOBER						
1	2	3	4	5	6	7	4	5	6	7	1	2	3
8	9	10	11	12	13	14	11	12	13	14	15	16	17
15	16	17	18	19	20	21	18	19	20	21	22	23	24
22	23	24	25	26	27	28	25	26	27	28	29	30	31

DEPARTMENTAL ASSIGNMENTS OF OFFICERS AND CIVILIAN INSTRUCTORS ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1930-31

ADMINISTRATION

Rear Admiral SAMUEL S. ROBISON, *Superintendent*.
 Commander DONALD B. BEARY, *Aide*.
 Lieut. Commander DANIEL E. BARBEY, *Aide for Academic Activities*.
 Mr. PETER H. MAGRUDER, *Secretary, Naval Academy*.

BUILDINGS AND GROUNDS

Capt. JOHN H. NEWTON, *Aide, In Charge of Buildings and Grounds*.
 Lieut. Commander ELLIOTT B. NIXON, *Assistant to Aide in Charge of Buildings and Grounds*.
 Lieut. Commander HUGO C. FISCHER (C. E. C.), *Assistant to Aide in Charge of Buildings and Grounds*.

EXECUTIVE DEPARTMENT

Capt. CHARLES P. SNYDER, <i>Commandant of Midshipmen</i> .	Lieut. BYRON S. ANDERSON.
Commander JOHN S. BARLEON.	Lieut. JAMES H. THACH, Jr.
Commander HENRY G. COOPER, Jr.	Lieut. (J. G.) WINSTON P. FOLK.
Commander JOSEPH M. DEEM.	Capt. ROLAND W. SCHUMANN (S. C.), <i>Midshipmen's Commissary Officer</i> .
Lieut. Commander GEORGE L. WEYLER.	Capt. DAVID G. McRITCHIE (S. C.), <i>Midshipmen's Storekeeper and Pay Officer</i> .
Lieut. Commander THOMAS S. KING, 2d.	Lieut. ROBERT R. THOMPSON (S. C.), <i>Assistant to Midshipmen's Commissary Officer</i> .
Lieut. Commander GEORGE J. Mc-MILLIN.	Lieut. ALBERT W. ELDRED (S. C.), <i>Assistant to Midshipmen's Commissary Officer</i> .
Lieut. Commander DAVIS De TREVILLE.	Lieut. WILLIAM H. PHILLIPS (S. C.), <i>in Charge of Navy Commissary Store</i> .
Lieut. Commander ARCHIE E. GLANN.	Chief Pay Clerk THOMAS E. WRIGHT, <i>Navy Commissary Store</i> .
Lieut. Commander CHARLES W. WEITZEL.	Asst. Prof. JOSEPH W. CROSBLEY.
Lieut. CHARLES L. ANDREWS, Jr.	
Lieut. ROBERT BOLTON, Jr.	
Lieut. RICHARD H. CRUZEN.	
Lieut. GEORGE E. PALMER.	
Lieut. ROBERT B. ROTHWELL.	

DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS

Commander LEMUEL M. STEVENS.	Lieut. Commander ROBERT B. MATTHEWS.
Commander FRANKLIN P. CONGER.	Lieut. Commander FORREST P. SHERMAN.
Lieut. Commander BOLIVAR V. MEADE.	Lieut. PETER K. FISCHLER.
Lieut. Commander ROBERT M. HINCKLEY.	Lieut. ROBERT L. MITTEN.
Lieut. Commander HIESTER HOOGEWERFF.	Lieut. HERBERT R. SOBEL.
Lieut. Commander LAURANCE T. DU BOSE.	Lieut. ELMER R. RUNQUIST.
Lieut. Commander KARL R. SHEARS.	Lieut. CARL F. ESPE.
	Lieut. EDWARD C. METCALFE.

Lieut. HAROLD E. PARKER.
 Lieut. SHERMAN R. CLARK.
 Lieut. (J. G.) JOSEPH L. KANE.
 Lieut. (J. G.) WALTER C. RUSSELL, Jr.

Lieut. (J. G.) KARL G. HENSEL.
 Chief Boatswain FREDERICK W.
 FILBRY.

DEPARTMENT OF ORDNANCE AND GUNNERY

Commander WILLIAM T. SMITH.
 Commander CHARLES E. REORDAN.
 Lieut. Commander THEODORE T. PAT-
 TERSON.
 Lieut. JOHN S. PHILLIPS.
 Lieut. ERNEST E. HERRMANN.
 Lieut. PHILIP P. WELCH.
 Lieut. JOHN J. PATTERSON, 3d.
 Lieut. ROBERT B. CRICHTON.
 Lieut. WILLIAM I. LEAHY.
 Lieut. NORMAN R. HITCHCOCK.

Lieut. JAMES P. CLAY.
 Lieut. BRADFORD BARTLETT.
 Lieut. GUS R. BERNER, Jr.
 Lieut. HOWARD D. MCINTOSH.
 Lieut. CHARLES A. HAVARD.
 Lieut. THOMAS C. EVANS.
 Lieut. HENRY D. WOLLESON.
 Lieut. (J. G.) MELLISH M. LINDSAY, Jr.
 Lieut. (J. G.) BURTON DAVIS.
 Lieut. (J. G.) LOUIS A. DREXLER, Jr.
 Chief Gunner HERMAN BULLINGER.

DEPARTMENT OF NAVIGATION

Capt. WILLIAM L. CALHOUN.
 Commander HOWARD H. J. BENSON.
 Commander JAMES A. LOGAN.
 Commander WALDEN L. AINSWORTH.
 Lieut. Commander WILLIAM H.
 O'BRIEN, Jr.
 Lieut. Commander JOHN H. HOLT, Jr.
 Lieut. Commander THOMAS L. GATCH.
 Lieut. Commander WILLIAM G.
 GREENMAN.

Lieut. Commander LAURENCE WILD.
 Lieut. Commander RALPH F. SKYL-
 STEAD.
 Lieut. WILLIAM K. PHILLIPS.
 Lieut. THOMAS B. BRITTAIN.
 Lieut. CHARLES M. ABSON.
 Lieut. VALVIN R. SINCLAIR.
 Lieut. AUGUSTUS D. CLARK.

DEPARTMENT OF ENGINEERING AND AERONAUTICS

Capt. FRANK H. SADLER.
 Commander WORRALL R. CARTER.
 Lieut. Commander JAY L. KERLEY.
 Lieut. Commander RICHARD H. BOOTH.
 Lieut. Commander HANS ERTZ.
 Lieut. Commander BENJAMIN H. LINGO.
 Lieut. Commander CORNELIUS W.
 FLYNN.
 Lieut. Commander MYRON W. HUTCH-
 INSON, Jr.
 Lieut. Commander CARROLL W.
 HAMILL.
 Lieut. Commander CASSIN YOUNG.
 Lieut. Commander PHILIP W. WARREN.
 Lieut. ROBERT P. BRISCOE.
 Lieut. PAUL H. TALBOT.
 Lieut. BENTON W. DECKER.
 Lieut. LEO B. SCHULTEN.
 Lieut. CLARENCE F. SWANSON.
 Lieut. ALLEN HOBBS.
 Lieut. AUSTIN K. DOYLE.
 Lieut. CHARLES A. WHITEFORD.

Lieut. ROGER E. NELSON.
 Lieut. AUSTIN S. KEETH.
 Lieut. MARION N. LITTLE.
 Lieut. EDWARD J. O'KANE.
 Lieut. JOHN E. FRENCH.
 Lieut. CHARLES O. COMP.
 Lieut. (J. G.) CHARLES D. BEAUMONT,
 Jr.
 Lieut. (J. G.) ALFRED H. RICHARDS.
 Lieut. (J. G.) WILLIAM D. WRIGHT, Jr.
 Lieut. (J. G.) WILLIAM P. McCARTY.
 Lieut. (J. G.) EUGENE L. MONAGIN.
 Commander THEODORE W. JOHNSON
 (Math.).
 Lieut. NOAH W. GOKEY (C. C.).
 Lieut. FLOYD A. TUSLER (C. C.).
 Lieut. WILLIAM J. MURPHY (C. C.).
 Lieut. WILLIAM H. MAGRUDER (C. C.).
 Chief Machinist JOHN M. FLAHERTY.
 Prof. CLARENCE P. BOLGIANO.
 Asso. Prof. WILLIAM E. FARRELL.
 Asso. Prof. GEORGE BENEZE.

DEPARTMENT OF MATHEMATICS

Commander HENRY E. ROSSELL (C. C.).	Asso. Prof. JOHN TYLER.
Captain HERBERT L. RICE (Math.).	Asso. Prof. JAMES B. SCARBOROUGH.
Lieut.-ALLEN D. BROWN.	Asso. Prof. REGINALD C. LAMB.
Lieut.-FRANCIS M. ADAMS.	Asso. Prof. EUGENE S. MAYER.
Lieut. JOHN J. O'DONNELL, Jr.	Asst. Prof. WILLIAM A. CONRAD.
Lieut. WILLIAM V. O'REGAN.	Asst. Prof. LYMAN M. KELLS.
Lieut. (J. G.) JOSEPH E. M. WOOD.	Instructor JAMES R. BLAND.
Prof. CHARLES L. LEIPER.	Instructor WILLIS F. KERN.
Prof. PAUL CAPRON.	Instructor HARRY J. WINSLOW.
Prof. JAMES B. EPPES.	Instructor GEORGE A. LYLE.
Prof. JAMES N. GALLOWAY.	Instructor HERMAN C. STOTZ.
Prof. ALEXANDER DILLINGHAM.	Instructor JESSE L. CLAYTON.
Prof. GUY R. CLEMENTS.	Instructor ERNEST HAWKINS.
Prof. HENRY M. ROBERT, Jr.	Instructor JOHN RIDOUT, Jr.
Asso. Prof. LEVI T. WILSON.	Instructor ARTHUR R. MAUPIN.

DEPARTMENT OF ELECTRICAL ENGINEERING AND PHYSICS

Capt. WILHELM L. FRIEDEL.	Lieut. GEORGE D. COOPER.
Commander HARRY A. BADT.	Lieut. RALPH T. ZINN.
Lieut. Commander WILLIAM D. CHANDLER, Jr.	Lieut. DOUGLAS P. STICKLEY.
Lieut. Commander ROBERT H. ENGLISH.	Lieut. ROBERT M. PEACHER.
Lieut. Commander JOHN L. HILL.	Lieut. HORATIO D. SMITH.
Lieut. Commander LEWIS J. STECHER.	Lieut. EDWIN V. RAINES.
Lieut. Commander MELVILLE C. PARELLO.	Lieut. ROBERT A. KNAPP.
Lieut. Commander SCOTT UMSTED.	Lieut. FREDERICK S. HALL.
Lieut. Commander JAMES A. SCOTT.	Lieut. JOSEPH B. DUNN.
Lieut. Commander ROBERT B. DASHIELL.	Lieut. (J. G.) WILLIAM R. THAYER.
Lieut. Commander GUY B. HOOVER.	Lieut. (J. G.) HAROLD DOE.
Lieut. Commander JOHN R. SULLIVAN.	Lieut. (J. G.) ALVIN D. CHANDLER.
Lieut. Commander JAMES L. FISHER.	Lieut. (J. G.) WELLS L. FIELD.
Lieut. DANIEL M. MCGURL.	Lieut. (J. G.) DAVID L. NUTTER.
Lieut. ALLEN P. MULLINIX.	Lieut. (J. G.) ROBERT E. COFER, Jr.
Lieut. SAMUEL W. CANAN.	Capt. PAUL J. DASHIELL (Math.).
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² Additional duty in department of hygiene.

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Third company		Fourth company		Seventh company		Eighth company	
Flynn, J. E. ----- Ernest, R. N. ----- Gulbert, E. H. ----- Russell, H. B. ----- Do. ----- Do. ----- Do. -----		Hagberg, O. E. ----- Renken, H. A. ----- Farquharson, R. B., jr. ----- Gibson, W. F. ----- Romberg, A. K. ----- Fitzgerald, J. A. -----		Thomas, W. M. ----- Miner, J. O. ----- Schoeni, W. P. ----- Lay, J. T. ----- Wieseman, F. L. ----- Raysbrook, F. G. -----		Brought, C. F. ----- Anderson, R. K. ----- Chew, J. L. ----- Wright, E. A. ----- Moss, C. R. ----- Theobald, R. A., jr. -----	

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Midshipman gun- don petty officer.	Vaughn, C. S.	Roeder, B. F.	Hooper, E. B.	Booth, C. T., 2d	Bronson, W.	Dempsey, J. C.	Morris, D. S.	Schultz, G. F.
Midshipman first petty officer.	Stone, G. R.	Hamm, M.	Games, E. B.	Black, J. D.	Keller, A. J.	Hatton, G. A.	Mumford, S.	Wright, S. B.
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Midshipman sec- ond petty offi- cer.	Brockway, J. H.	Wilson, A. H., jr.	Jones, C. R.	Williamson, F. T.	Gaasterland, C. L.	Owens, S. D.	Cook, C. O., jr.	Fitts, W. W.
Do.	Hughes, W. C., jr.	Lefavour, W. R.	Ellsworth, E. B., jr.	McAllister, F. C., jr.	Gurnette, B. L.	Copeman, T. H.	Head, N. M.	Porter, S. H.
Do.	South, J. C., jr.	Stewart, W. J.	Brooks, C. B., jr.	Firth, M. W.	Adams, W. H.	Dodson, L. F.	Lockwood, R. E.	Lytle, E. S., jr.
Do.	Bailey, W. C.	Myhre, F. B. T.	Freshour, W. M.	McMahon, B. F.	McKay, B. M.	Fellows, J. B., jr.	Faherty, A. I.	Johnson, W. H.
Do.	Gaviglio, P. M.	Freeman, G. F.	Just, J. F.	Foley, J. F.	Ferrill, H. E.	Gray, R. L.	Flaherty, A. I.	Hollingsworth, J. C.
Do.	Allen, E. H.	Thompson, W. R.	White, J. A.	Soucek, V. H.	Swisher, L. N.	Smith, J. T.	Wirtz, P. L.	Gray, H. D.
Do.	Smith, N. E.	Hammond, D. T.	Merkle, F. B.	Crane, L. O.	Wright, D. G., jr.	Antim, R. N.	Elden, R. W.	Bater, H.
Do.	Black, O. F.	Werts, C. L.	Palmer, C. K.	Maloney, J. L.	Jensen, M. J.	Kirkpatrick, C. E.	Stuart, D. A.	Mathews, J. A., jr.
Do.	Quilter, E. S.	Francisco, J.	Bellis, L. J.	Crumpacker, J. W.	Ryon, W. M.	Anderson, C. E.	Stromback, P. C.	Berthold, K. C.
Do.	Beebe, R. P.	McCracken, R. R.	Wright, F. W., jr.	Waipole, K. C.	Zuntag, A. A.	Kurtz, T. R., jr.	Mackert, R. W.	Mullins, H., jr.
Do.	Hawkins, C.	Lizberg, C. A.	Dillon, E. J.	Crowley, J. D.	Engel, E. E.	Evans, E. E.	Butterfield, A. W.	King, V. L.
Do.	Payne, T. B.	Ketchum, G. L.	Tenney, J. F.	Corless, W. G.	Graham, D. S.	Jett, C. M.	Neola, V. J.	Richardson, A.
Do.	Byng, J. W.	Huntley, J. D.	Lawrence, S. J.	Wackwitz, D. N.	Burns, E. S.	Holtz, A. H.	Lyon, H. B.	Cook, L. B.
Do.	Metsger, A. B.	Cumberledge, A. A.	Brossy, H. E.	Williams, J. B.	Myer, J. A.	Hill, A. J., jr.	Fiala, R. P.	Straub, C. T.
Do.	Wilber, D. T.	Cone, J. I.	Day, C. A.	Nolan, R. L., jr.	Engelhardt, E. P.	Field, B. P., jr.	Cooper, R. W.	Child, H. P.
Do.	Gilbert, B. O., jr.	Shaffer, L. G.	Woodman, R. J.	Tripl, I. N.	Folt, R. E.	Fawcett, I.	Ferguson, E. F.	Nelson, S. E.
Do.	Clarke, P. W.	O'Toole, J. M.	Toth, J. C.	Novell, W. C.	Peterson, R. W.	McDonald, E. A.	Biglow, J. O.	Day, E. M.
Do.	Will, P. K.	DeMetropolis, G.	Foster, E. L.	Jones, A. A.	King, B. W.	Johnson, W. O.	Smith, J. E., jr.	Forde, G. S. J.

Midshipmen officers and petty officers, 1930-1931—Continued

	First company	Second company	Third company	Fourth company	Fifth company	Sixth company	Seventh company	Eighth company
Midshipman sec- ond petty offi- cer.	Cassedy, H.	Leon, H. S.	Wood, L. O.	Gould, F. G.	Klein, M. J.	O'Brien, J. E.	Holden, H. W.	Jones, R. E. C.
Do.	Adair, N., jr.	Lerson, H. I.	Wright, W. R.	Hunter, W. A., jr.	Hall, M., jr.	Smith, Curtis E.	Harper, J. F., jr.	Wilson, G. S.
Do.	Longton, E. W.	Aldrich, C. W.	Pancake, L. S.	Stafford, A. E.	Shoemaker, C. T.	Iverson, C.	Peters, J. M.	McKalg, W. V.
Do.	Beckmann, A. G.	Scrivner, F. H.	Phifer, T. C.	Wickens, J. L.	Murphy, J. A.	Grant, J. D.	O'Neill, E. J.	Roscoe, D. L., jr.
Do.	Yancey, E. W.	Martin, M. T.	Bass, R. H.	Slater, S. J.	Nelson, S. T., jr.	Dunn, W. A.	Cox, M. H.	Bingham, E. M.
Do.	Farrington, E. L.	Stewart, A. P.	Swain, J. B.	O'Connor, M. G.	Freeburg, S. A.	Carri, B. L.	McFarlane, D. J.	Moring, W. E.
Do.	King, R. D.	Sanns, N. J.	Hay, R. R.	Brown, R. S.	Cushman, J. D.	White, R., 3d.	Massey, F.	Allen, R. W.
Do.	Brush, F. J.	Shuey, C. H.	Morrow, C. A., jr.	Seidel, H. E., jr.	Hoye, F. W.	Fahle, R. S.	McCuddy, W. R.	Moses, M.
Do.	Nelson, R. H.	Jacobs, R. H.	Pearce, H. A.	McCain, J. S., jr.	Massingill, R. L.	Kinzie, F. A.	Wier, H. R.	Ritchie, C. A.
Do.	Copeland, N. C.	Mott, C. E.	Molumphy, G. G.	Roessler, A. C.	Sampson, R. R.	Parsons, W. K.	Becton, F. J.	Smith, A. J.
Do.	Miller, J. A.	Davis, J. H.	Wilbur, R. M.	Crinkley, F. D.	Irons, A. H.	Miles, L. T.	Reese, J. S.	Motes, J. H., jr.
Do.	Grinstead, L.	Miller, N. M.	Gardiner, J. M.	Woods, W. P.	Gillette, R. G.	Huff, G. P.	Todd, D. W.	Davis, D. I.
Do.	McManus, G. B.	Miller, N. M.	Cooper, H. C.	Madden, G. B.	Cook, J. H., jr.	Greathouse, J. F.	Drake, H. M.	
Do.		Cooke, E. S.	Sell, C. F.	Giles, W. J., jr.	Pottinger, W. K.	Hale, H. H.	Trenholme, E. P.	
Do.		Brace, F. R.	Garton, W. M., jr.				Daniels, A. N.	

Effective Sept. 26, 1930. Midshipmen of any rank in a unit take precedence over midshipmen of the same rank in a smaller unit. Midshipmen of the same rank in a company take precedence in order from the top down in the lists above. Seniority of midshipmen of the same rank among battalions and companies will be established by separate orders. Number in () after names in staff details indicates company assignments.

PRACTICE CRUISE, 1930

There was no regular Naval Academy practice squadron for the summer practice cruise, 1930.

Officers and midshipmen detailed for the practice cruise embarked on June 6, 1930, and disembarked August 29, 1930.

The midshipmen of the first and third classes were assigned to the following ships of battleship division 2, Scouting Fleet: *Arkansas* (flagship), *Florida*, and *Utah*.

The itinerary of the midshipmen's practice cruise was as follows:

	Arrival	Departure
Annapolis, Md.....		June 6
Cherbourg, France.....	June 21	July 1
Kiel, Germany.....	July 5	July 9
Oslo, Norway.....	July 11	July 14
Edinburgh, Scotland (via English Channel).....	July 16	July 28
Hampton Roads, Va.....	Aug. 14	Aug. 18
Southern Drill Grounds (conduct target practice).....	Aug. 18	Aug. 28
Annapolis, Md.....	Aug. 29	-----

NOTE.—The midshipmen of the second class (1932) were retained at the Naval Academy to undergo practical instruction in aviation and engineering subjects.

MERIT ROLLS FOR 1929-30

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year.

In the graduating merit roll the final standing for the course is determined by the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regulations, U. S. Naval Academy, 1928, art. 191.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "Passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum shall read "Passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "Passed." (Regulations, U. S. Naval Academy, 1928, art. 192.)

* Received 85 per cent of multiple.

a Completed course; commission withheld pending action on physical disability.

b Resignation accepted upon graduation due to physical disqualification.

c Turned back into next lower class on account of conduct.

d Sent on practice cruise on account of scholastic deficiency; later passed reexamination; graduated and commissioned.

dd Died.

e Diploma withheld; sent on practice cruise as disciplinary measure; later graduated and commissioned.

f Dismissed.

g Found physically disqualified and required to resign.

h Deficient in studies; turned back into next lower class.

i Deficient in studies; required to resign.

j Sent on practice cruise as a disciplinary measure; later dropped.

k Resigned; did not graduate.

MC Assigned to Marine Corps upon graduation.

m Voluntary resignation accepted immediately upon graduation.

n Sent on practice cruise on account of scholastic deficiency; upon expiration of cruise reexamined and again found deficient; turned back into next lower class.

o Continued with class pending results of delayed examinations.

p Turned back into this class on account of conduct.

r Resigned.

s Dropped on account of physical disqualification.

SC Assigned to Supply Corps upon graduation.

w Turned back into next lower class on account of illness.

x Deficient for first term; turned back into this class.

y Filipino: Graduated but not commissioned in Navy.

† Readmitted with class of 1934.

Originally a member of the class of 1928. Reinstated on June 23, 1928, in accordance with an act of Congress approved June 8, 1928, and ordered placed in this class. Age upon reinstatement: 21 years and 11 months.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
*1	Jackson, A. McB., jr....	88. 17	175. 58	271. 57	364. 85	900. 17
*2	Hines, W. T.....	87. 79	175. 61	270. 18	352. 20	885. 78
*3	Evans, P. C.....	91. 05	177. 21	261. 74	353. 71	883. 71
m*4	Mulit, L. H.....	87. 80	173. 84	265. 76	349. 74	877. 14
m*5	Williams, G. D.....	86. 79	170. 53	260. 99	350. 59	868. 90
*6	Spofford, R. T.....	88. 77	172. 38	260. 14	346. 90	868. 19
*7	Hean, J. H.....	85. 79	172. 31	259. 64	350. 36	868. 10
*8	Heiser, H. M.....	86. 75	168. 59	259. 01	353. 65	868. 00
*9	Atkins, G. T.....	84. 69	171. 73	260. 21	350. 53	867. 16
MC*10	Hughes, T. B.....	87. 17	175. 00	258. 69	344. 96	865. 82
*11	Horn, P. H.....	84. 26	168. 05	259. 23	353. 80	865. 34
*12	Alexander, S. M.....	87. 19	169. 96	260. 97	346. 75	864. 87
*13	Ennis, W. C.....	86. 52	174. 55	256. 98	346. 57	864. 62
*14	Browne, O. M., jr.....	85. 11	172. 21	260. 78	344. 35	862. 45
*15	Martell, C. B.....	86. 63	169. 32	253. 94	351. 48	861. 37
*16	Howard, J. H.....	84. 89	166. 51	253. 33	350. 01	854. 74
*17	White, O. E.....	83. 59	170. 91	251. 08	347. 01	852. 59
*18	Trippensee, B. E. S.....	89. 20	172. 34	256. 00	334. 87	852. 41
*19	Moore, W. B.....	85. 45	168. 95	256. 23	341. 04	851. 67
*20	Gladney, D. W., jr.....	86. 53	168. 09	256. 75	339. 85	851. 22
21	Foster, R. B.....	87. 65	168. 05	252. 18	341. 64	849. 52
22	Rodgers, J. W.....	85. 32	167. 14	255. 57	341. 49	849. 52
23	Perkins, R. E.....	87. 77	167. 20	248. 02	345. 39	848. 38
24	Gentner, W. E., jr.....	87. 28	168. 02	254. 61	338. 28	848. 19
25	Hilles, F. V. H.....	79. 71	163. 73	254. 99	348. 17	846. 60
26	de Vos, P. L.....	88. 13	173. 23	255. 54	328. 76	845. 66
27	Simons, M. H., jr.....	86. 98	163. 68	252. 24	342. 41	845. 31
m28	Weiss, F. A., jr.....	86. 17	167. 94	248. 81	342. 26	845. 18
29	Briner, R. R.....	81. 99	168. 78	257. 25	336. 14	844. 16
30	Coates, L. D., jr.....	87. 38	167. 70	246. 80	341. 62	843. 50
b31	O'Handley, J. A. E.....	86. 98	168. 19	248. 86	337. 76	841. 79
32	Dodge, H. B.....	84. 51	161. 25	249. 99	344. 40	840. 15
33	Masterson, K. S.....	82. 19	163. 13	251. 67	342. 29	839. 28
34	Larson, N. H.....	80. 71	163. 32	251. 61	342. 43	838. 07
35	Haven, R. C.....	82. 80	159. 61	251. 47	343. 79	837. 67
36	Hindman, J. A. E.....	84. 81	162. 57	251. 87	338. 27	837. 52
37	Sutherland, R. T., jr.....	81. 01	159. 87	255. 41	341. 17	837. 46
38	Craig, J. R.....	82. 77	161. 39	251. 36	341. 38	836. 90
39	Dornin, M. E.....	87. 39	167. 75	245. 76	335. 68	836. 58
MC40	Wagner, F. G., jr.....	79. 72	160. 71	253. 56	340. 53	834. 52
b41	Grannis, R. L.....	84. 87	168. 77	250. 71	328. 51	832. 86
42	Douw, V. P.....	87. 52	164. 51	245. 27	334. 59	831. 89
43	Winant, F. I., jr.....	88. 08	168. 10	246. 88	328. 25	831. 31
44	Johnson, R. W.....	82. 69	164. 20	251. 20	332. 46	830. 55
45	Hughes, C. W.....	81. 92	160. 58	249. 65	338. 15	830. 30

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
46	Nixon, R. M.....	80. 82	160. 94	246. 01	341. 32	829. 09
47	Whelchel, D. L.....	88. 14	169. 78	244. 81	325. 04	827. 77
48	Adkins, J. A.....	88. 18	163. 26	241. 64	333. 75	826. 83
49	Holmes, E. P.....	83. 74	165. 70	241. 65	334. 27	825. 36
50	Walter, W. A.....	83. 71	162. 05	247. 11	332. 19	825. 06
51	Foster, W. M.....	77. 93	163. 44	249. 04	334. 38	824. 79
52	Butler, W. C., jr.....	86. 98	166. 46	239. 89	329. 16	822. 49
53	Highley, F. E., jr.....	81. 89	158. 83	245. 15	336. 55	822. 42
MC54	Moret, P.....	86. 41	162. 72	246. 57	325. 56	821. 26
55	Moore, R. L., jr.....	85. 79	163. 47	243. 74	327. 98	820. 98
56	Chafee, G. B.....	83. 47	161. 14	243. 64	331. 88	820. 13
57	Burgett, W. A.....	82. 34	161. 47	243. 14	332. 77	819. 72
58	Hayward, J. T.....	77. 74	155. 26	245. 39	341. 21	819. 60
59	Johnson, F. L.....	82. 87	161. 40	246. 70	326. 84	817. 81
MC60	Bauer, H. W.....	84. 66	170. 13	244. 98	317. 78	817. 55
61	Bardwell, F. E.....	84. 83	162. 14	242. 51	327. 91	817. 39
62	Kirvan, W. H.....	85. 13	162. 54	241. 28	327. 56	816. 51
63	Ensey, L.....	84. 03	164. 24	239. 43	328. 52	816. 22
64	Nelson, W. T.....	83. 50	160. 18	242. 32	329. 28	815. 28
MC65	McKean, W. B.....	84. 45	161. 86	243. 11	325. 59	815. 01
66	Englund, H. W.....	85. 07	162. 00	242. 12	325. 53	814. 72
67	Wesanen, W. F.....	81. 96	153. 14	242. 11	336. 60	813. 81
68	Lackner, P. R.....	85. 22	158. 52	237. 06	332. 98	813. 78
69	Lucker, N., jr.....	81. 20	154. 35	242. 88	335. 03	813. 46
70	MacKay, H. T.....	84. 24	162. 14	239. 93	326. 97	813. 28
MC71	Beans, F. D.....	83. 10	164. 51	244. 08	320. 04	811. 73
b72	Farnham, D. W.....	82. 77	157. 35	243. 07	326. 64	809. 83
73	Pieczentkowski, H. A...	80. 89	156. 90	248. 76	323. 00	809. 55
MC74	Herndon, G. G.....	81. 74	162. 42	241. 58	323. 41	809. 15
75	Haley, T. B.....	79. 12	159. 01	243. 73	326. 91	808. 77
m76	Lampe, A. E.....	82. 45	159. 16	240. 41	326. 70	808. 72
77	Peterson, M. A.....	80. 63	156. 50	240. 95	330. 29	808. 37
78	Allen, B. C., jr.....	81. 69	161. 48	239. 86	325. 04	808. 07
79	Brook, C. B.....	85. 09	160. 59	240. 33	321. 87	807. 88
80	Randall, S. M.....	82. 03	154. 75	242. 02	327. 23	806. 03
81	Butterfield, G. N.....	86. 34	163. 82	239. 89	315. 20	805. 25
82	Heyward, A. S., jr.....	79. 30	157. 92	243. 49	323. 46	804. 17
83	Kinert, J. O.....	83. 26	157. 44	240. 77	322. 66	804. 13
84	Knoll, D. W.....	80. 88	157. 19	234. 68	330. 85	803. 60
85	Gluntz, M. H.....	86. 24	162. 18	237. 34	317. 83	803. 59
86	Hart, C. D.....	76. 36	152. 11	237. 11	337. 63	803. 21
87	Burns, M. C.....	78. 52	153. 26	237. 86	332. 61	802. 25
88	Krick, D. F.....	79. 88	154. 56	238. 86	328. 88	802. 18
89	Sloat, F. T.....	80. 33	155. 05	238. 47	327. 94	801. 79
m90	Epperly, W. F.....	77. 85	158. 61	242. 29	322. 89	801. 64
91	Ailes, J. W., III.....	79. 49	157. 70	239. 07	325. 31	801. 57

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
92	Stich, F. S.....	79. 67	157. 72	233. 84	330. 06	801. 29
93	Carmick, E. S.....	86. 85	160. 82	233. 75	319. 53	800. 95
94	Seay, G. C.....	85. 42	155. 72	230. 66	329. 03	800. 83
m95	Johnson, H. F.....	85. 41	159. 76	237. 19	317. 97	800. 33
96	Forster, J. F.....	82. 33	154. 98	240. 84	321. 25	799. 40
97	Sanders, E. R.....	87. 40	162. 25	237. 25	312. 36	799. 26
98	Morton, D. W.....	83. 02	158. 61	237. 13	320. 42	799. 18
99	Dally, R. S.....	79. 70	159. 06	241. 16	319. 23	799. 15
100	McKnight, J. R., jr....	79. 44	153. 55	238. 41	327. 61	799. 01
101	Quiggle, L. C.....	78. 49	153. 89	242. 44	323. 86	798. 68
102	Estabrook, W. S., jr....	83. 22	156. 23	240. 80	316. 64	796. 89
103	Dennis, J. R.....	81. 54	158. 39	236. 43	320. 49	796. 85
104	Stroh, R. J.....	76. 50	157. 32	239. 58	322. 80	796. 20
105	Lee, J. E.....	79. 29	156. 00	237. 30	321. 61	794. 20
106	Wadsworth, A. S. C....	81. 17	154. 90	231. 99	325. 98	794. 04
107	Hansen, H. O.....	76. 48	147. 80	236. 32	333. 13	793. 73
108	Corbus, J.....	82. 65	153. 68	233. 89	323. 50	793. 72
109	Fuetsch, B. A.....	83. 53	153. 94	231. 30	324. 89	793. 66
110	Engleman, C. L.....	80. 29	158. 32	241. 71	313. 12	793. 44
111	Dorsey, J. S.....	77. 45	154. 50	236. 44	324. 83	793. 22
112	Trower, R. S., 3d.....	82. 47	158. 60	241. 57	309. 22	791. 86
m113	Stretch, D. A.....	80. 81	153. 85	241. 19	315. 73	791. 58
114	Earle, O. J.....	82. 54	157. 07	236. 90	314. 74	791. 25
b115	Riva, V. E.....	87. 34	163. 11	230. 85	309. 22	790. 52
116	Lewis, J. M.....	82. 97	158. 74	232. 53	316. 13	790. 37
117	Swan, B. F.....	80. 26	155. 23	235. 21	319. 50	790. 20
118	Scull, G.....	80. 48	158. 04	232. 51	319. 11	790. 14
MC119	Greene, W. M.....	84. 76	156. 92	233. 10	315. 30	790. 08
120	Gaulin, V. S.....	83. 53	156. 82	237. 39	312. 22	789. 96
121	Corey, H. G.....	82. 40	154. 03	232. 75	320. 77	789. 95
122	Grove, A. E.....	82. 20	154. 64	233. 42	319. 08	789. 34
123	Hilton, C. G.....	84. 12	164. 89	234. 40	305. 88	789. 29
124	Massey, L. E.....	81. 08	152. 22	240. 92	315. 05	789. 27
125	Sands, E. T.....	78. 21	156. 11	233. 67	321. 27	789. 26
126	Ross, R. R.....	78. 73	156. 81	228. 67	325. 02	789. 23
127	Davis, J. W.....	80. 08	154. 28	228. 68	325. 86	788. 90
b128	Bates, R. H.....	77. 41	150. 72	234. 24	326. 11	788. 48
129	Gubbins, W. W.....	81. 61	155. 09	232. 21	318. 90	787. 81
130	Sass, D. J.....	80. 06	153. 28	237. 17	317. 29	787. 80
131	Stevens, C. B., jr....	81. 47	151. 86	233. 71	320. 70	787. 74
132	Burden, H. P.....	79. 41	153. 30	233. 05	321. 97	787. 73
133	Carpenter, G. C.....	82. 41	156. 17	233. 79	313. 95	786. 32
134	Luongo, F. P., jr....	82. 36	155. 91	230. 06	317. 77	786. 10
135	Gentry, K. M.....	82. 40	154. 44	235. 63	313. 38	785. 85
136	Wogan, T. L.....	81. 58	150. 76	231. 14	321. 47	784. 95

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
137	Holley, G. M.....	79. 63	149. 84	233. 60	321. 48	784. 55
138	Esslinger, R. J.....	79. 40	155. 83	234. 43	314. 59	784. 25
139	Rohr, C. H. A.....	83. 59	161. 14	229. 72	309. 77	784. 22
140	Marshall, T. W., jr.....	81. 17	145. 45	234. 70	322. 73	784. 05
141	Drane, W. McC.....	84. 51	152. 10	232. 41	314. 94	783. 96
m142	Neal, A. W.....	80. 35	152. 01	231. 99	319. 30	783. 65
143	Kohlhas, A. P., jr.....	81. 65	152. 05	230. 50	319. 12	783. 32
144	Miller, A. S.....	81. 15	154. 65	233. 80	313. 34	782. 94
145	Dodson, J. E.....	77. 42	148. 72	237. 55	318. 87	782. 56
146	Grant, J. D. L.....	81. 14	150. 76	230. 82	319. 50	782. 22
147	Miller, F. B.....	77. 43	150. 27	238. 35	316. 14	782. 19
148	Kyes, J. E.....	82. 74	156. 10	231. 68	311. 66	782. 18
149	McClain, W. H.....	77. 52	148. 81	233. 98	321. 58	781. 89
150	Gragg, J. B.....	79. 91	153. 43	231. 86	316. 28	781. 48
151	Clark, H. G.....	78. 52	151. 94	236. 67	314. 29	781. 42
152	Taylor, R. H.....	76. 69	154. 00	235. 51	314. 96	781. 16
153	MacGregor, E. J., 3d.....	80. 53	156. 38	232. 66	311. 43	781. 00
154	Agnew, J.....	74. 66	147. 96	234. 64	323. 25	780. 51
155	Blackburn, P. P., jr.....	80. 28	150. 55	231. 86	317. 08	779. 77
156	Brady, P. H.....	77. 98	150. 11	226. 73	324. 83	779. 65
157	Renfro, E. C.....	78. 38	151. 42	238. 01	311. 70	779. 51
m158	Canaday, H. R.....	81. 02	153. 40	231. 40	312. 35	778. 17
159	Lord, C. W.....	83. 76	153. 52	232. 73	308. 07	778. 08
160	Stevens, J. E.....	83. 73	156. 03	227. 57	310. 44	777. 77
161	Rigsbee, E. O., jr.....	81. 16	152. 34	230. 88	313. 15	777. 53
SC162	Prien, W. F.....	82. 73	147. 52	227. 21	319. 60	777. 06
163	Moreno, J. A.....	83. 70	148. 32	227. 40	317. 29	776. 71
164	Tatom, J. F.....	80. 93	157. 03	229. 06	308. 96	775. 98
165	Craighill, R. R.....	78. 43	151. 38	231. 27	314. 28	775. 36
SC166	Bourgeois, A. J.....	72. 55	162. 66	228. 15	311. 90	775. 26
167	Armstrong, J. H., jr.....	80. 56	153. 90	226. 35	314. 19	775. 00
168	McGregor, L. D., jr.....	79. 95	151. 37	228. 22	315. 07	774. 61
169	Lawver, R. C.....	75. 89	152. 44	233. 35	312. 35	774. 03
170	Malpass, R. E.....	76. 94	145. 49	230. 41	320. 92	773. 76
171	Palmer, G. G.....	79. 98	152. 79	232. 61	307. 38	772. 76
172	Young, J. B. H.....	81. 21	151. 07	230. 10	310. 27	772. 65
173	Marshall, E. S. L.....	78. 57	151. 42	222. 54	320. 07	772. 60
174	McCombs, C. E.....	76. 58	146. 87	231. 91	316. 44	771. 80
175	Newton, R. A.....	74. 16	142. 36	232. 68	322. 50	771. 70
176	Burgess, J. G.....	80. 01	152. 58	231. 22	307. 25	771. 06
177	Miller, T. T.....	78. 98	146. 66	226. 83	318. 12	770. 59
178	Rutter, R. L.....	82. 58	152. 46	226. 02	309. 20	770. 26
179	Heming, H. M.....	78. 15	146. 54	232. 59	312. 92	770. 20
180	Arwine, S. M.....	75. 87	149. 56	227. 89	316. 26	769. 58
181	Clarkson, J. S.....	79. 91	153. 32	229. 29	307. 05	769. 57
182	Lincoln, H. A.....	78. 79	157. 37	229. 34	303. 93	769. 53

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
183	Conn, R. J. H.....	80. 57	149. 10	226. 80	313. 04	769. 51
184	Hanlin, P. W.....	83. 26	156. 36	227. 97	301. 71	769. 30
185	Jones, L. J.....	80. 63	153. 89	226. 98	307. 69	769. 19
186	Heap, G. L.....	83. 95	154. 64	228. 15	302. 39	769. 13
187	Brodie, G. K.....	75. 48	148. 64	230. 34	314. 63	769. 09
MC188	Williams, F. H.....	80. 22	145. 78	228. 88	314. 16	769. 04
189	Cook, G.....	80. 94	154. 08	223. 86	309. 72	768. 60
190	Lang, J. G.....	76. 79	148. 54	229. 49	313. 42	768. 24
MC191	Boyle, S.....	78. 49	147. 34	231. 62	309. 69	767. 14
m192	Edgerton, E. W.....	79. 76	150. 41	227. 72	309. 11	767. 00
193	Chambers, G. M.....	76. 70	144. 71	226. 91	318. 65	766. 97
194	Halstead, M.....	74. 85	149. 69	226. 56	315. 32	766. 42
195	Vorhees, M. E.....	78. 42	147. 07	228. 00	312. 80	766. 29
MC196	Russell, P. W.....	77. 55	149. 46	231. 57	307. 28	765. 86
197	Kosco, G. F.....	78. 44	156. 01	227. 35	303. 75	765. 55
198	Kiefer, D.....	81. 90	153. 85	223. 92	305. 83	765. 50
199	Shaffer, J. J., 3d.....	79. 61	151. 15	226. 09	308. 57	765. 42
200	Badger, H. P.....	72. 86	144. 90	228. 31	319. 34	765. 41
201	Weller, S. P., jr.....	78. 83	151. 47	226. 32	308. 58	765. 20
202	House, H. A.....	80. 67	152. 34	222. 68	309. 40	765. 09
203	McCready, G. T., jr.....	79. 90	152. 27	227. 68	303. 98	763. 83
204	Salisbury, J. S.....	78. 87	148. 70	227. 92	308. 15	763. 64
205	Hulme, J.....	79. 87	153. 51	227. 12	303. 08	763. 58
206	Reinhard, W. A.....	77. 75	147. 82	227. 44	309. 54	762. 55
207	Bauer, R. C.....	84. 82	156. 86	221. 38	299. 16	762. 22
208	Laing, F. W.....	76. 63	143. 48	230. 68	311. 31	762. 10
209	Wylie, W. N.....	78. 23	149. 15	227. 31	307. 28	761. 97
210	Adams, C. R.....	80. 73	148. 60	226. 24	306. 11	761. 68
211	Sharp, R. N.....	80. 37	146. 91	230. 11	304. 24	761. 63
212	Breault, J. L., jr.....	81. 00	146. 09	226. 90	307. 32	761. 31
213	Boyle, L. DeV.....	80. 11	151. 33	224. 65	304. 83	760. 92
214	O'Beirne, E.....	79. 65	154. 24	227. 23	299. 32	760. 44
a215	Dorner, E. P.....	76. 65	146. 61	226. 12	310. 91	760. 29
216	Spence, H. W.....	78. 98	148. 86	223. 03	308. 19	759. 06
217	Brumby, E.....	82. 31	146. 32	225. 46	304. 49	758. 58
218	Adams, S.....	82. 01	152. 00	222. 58	301. 75	758. 34
219	Lowrance, V. L.....	73. 94	147. 52	226. 83	309. 96	758. 25
m220	Thompson, L. C.....	75. 99	152. 14	225. 82	304. 30	758. 25
221	Harris, D. A.....	75. 15	141. 07	230. 49	311. 45	758. 16
222	Hermes, C. R.....	80. 15	147. 59	224. 56	305. 07	757. 37
MC223	Steiner, W. B.....	76. 14	146. 45	222. 01	312. 39	756. 99
b224	Maynard, R. H.....	78. 22	148. 49	224. 00	305. 85	756. 56
225	Garcia, G. E.....	78. 24	149. 57	225. 66	302. 82	756. 29
226	Snead, W. O., jr.....	76. 23	144. 28	228. 28	306. 46	755. 25
227	May, L. G.....	77. 31	147. 59	224. 23	305. 98	755. 11
228	Colestock, E. E.....	79. 42	152. 83	221. 86	300. 55	754. 66

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
MC229	Reinecke, F. M.....	76. 62	143. 38	220. 69	313. 78	754. 47
230	Little, E. N.....	79. 73	152. 31	231. 04	291. 15	754. 23
231	Thomas, W. C.....	77. 38	147. 70	226. 87	302. 19	754. 14
232	Ostrom, C. H.....	74. 62	142. 07	228. 94	308. 41	754. 04
233	Hunt, R. C. D., jr.....	76. 39	153. 08	219. 92	304. 62	754. 01
234	Thornhill, T. J., jr.....	75. 61	153. 84	226. 50	298. 02	753. 97
235	Ruff, L. E.....	82. 18	149. 51	229. 15	292. 84	753. 68
236	Haines, N. S.....	77. 23	146. 43	221. 59	308. 18	753. 43
m237	Hewitt, G. S.....	81. 39	146. 90	222. 66	301. 75	752. 70
238	McMillian, I. E.....	76. 80	147. 46	221. 39	306. 98	752. 63
MC239	Davis, J. M.....	74. 16	144. 12	219. 95	314. 35	752. 58
240	Lowrey, W. W.....	76. 94	144. 60	222. 85	307. 72	752. 11
241	Allen, W. Y., jr.....	75. 38	152. 51	223. 91	299. 58	751. 38
242	Hubbard, H. S.....	78. 58	148. 08	227. 06	297. 65	751. 37
m243	Smith, J. L., jr.....	77. 56	147. 69	220. 50	305. 22	750. 97
244	Bisson, J. K.....	77. 54	148. 72	222. 30	302. 04	750. 60
245	Strohbehn, W. W.....	77. 78	144. 85	222. 74	305. 21	750. 58
246	Hall, C. G.....	79. 98	146. 28	222. 44	301. 33	750. 03
b247	Drake, N. D'A.....	80. 04	150. 97	223. 80	294. 95	749. 76
248	Grantham, E. B., jr.....	76. 20	150. 81	219. 24	303. 36	749. 61
249	Whitfield, J. D., jr.....	77. 00	144. 39	222. 50	305. 66	749. 55
250	Andrews, C. H.....	75. 82	144. 16	223. 88	305. 51	749. 37
MC251	Fromhold, W. H.....	77. 92	149. 29	223. 09	298. 62	748. 92
252	Earl, C. E.....	79. 44	152. 72	221. 87	294. 23	748. 26
253	Thibault, J. L.....	73. 11	144. 29	222. 94	307. 87	748. 21
254	Cass, R. S.....	82. 01	149. 71	216. 67	299. 68	748. 07
MC255	Wilbur, J. T.....	75. 88	144. 16	222. 14	305. 70	747. 88
MC256	Hayes, C. H.....	76. 38	148. 35	222. 69	300. 40	747. 82
257	McCullough, M. L., jr.....	77. 20	145. 99	224. 66	299. 49	747. 34
258	Charneco, C. M.....	77. 63	156. 39	217. 18	296. 13	747. 33
259	Lucas, F. C., jr.....	78. 53	149. 62	216. 59	302. 56	747. 30
m260	West, A. R.....	73. 85	142. 08	222. 20	309. 04	747. 17
261	Ebert, W. G.....	76. 22	139. 46	222. 14	309. 18	747. 00
MC262	Weller, D. M.....	76. 07	143. 86	221. 16	305. 76	746. 85
m263	Holt, H. W.....	75. 92	147. 71	220. 38	302. 77	746. 78
b264	Sheeley, W. R.....	81. 78	153. 67	216. 94	294. 20	746. 59
265	Mauro, C. T., jr.....	80. 76	148. 16	220. 36	297. 30	746. 58
b266	Blanning, E. J., jr.....	80. 09	146. 63	221. 39	298. 09	746. 20
m267	Stewart, W. H.....	77. 32	144. 74	218. 29	305. 41	745. 76
268	Dealey, S. D.....	83. 21	146. 34	214. 24	301. 91	745. 70
MC269	Yeaton, S. S.....	79. 04	146. 58	222. 60	296. 75	744. 97
270	Kelly, E. G.....	75. 26	141. 11	222. 27	305. 65	744. 29
MC271	Montgomery, E. A.....	79. 27	149. 94	216. 61	298. 47	744. 29
b272	McPeake, R. H.....	79. 03	148. 43	220. 40	296. 27	744. 13
273	Marix, G. E.....	77. 13	143. 86	219. 38	302. 86	743. 23
274	Hawkins, D. D.....	76. 83	145. 65	222. 39	297. 88	742. 75

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
275	Curley, K. E.....	76. 92	143. 97	221. 56	299. 88	742. 33
276	Cushing, D. B.....	84. 71	144. 54	216. 67	296. 21	742. 13
m277	Price, T. D.....	73. 17	150. 62	222. 51	295. 80	742. 10
b278	Caillouet, J. L., jr.....	78. 57	145. 71	220. 37	297. 25	741. 90
279	Coe, J. W.....	78. 12	143. 54	220. 75	299. 38	741. 79
280	Jenkins, W. T.....	78. 54	148. 48	218. 73	295. 59	741. 34
281	Hahn, E.....	75. 53	147. 05	215. 29	303. 43	741. 30
282	Wilson, F. E.....	73. 23	143. 71	218. 02	306. 16	741. 12
283	Bowen, J. B., jr.....	77. 62	145. 90	219. 91	297. 47	740. 90
284	Marable, H. H.....	77. 66	146. 28	221. 59	294. 99	740. 52
b285	Phillips, W. B.....	78. 55	145. 70	221. 47	294. 73	740. 45
286	Rosasco, R. A.....	78. 43	147. 93	218. 00	295. 51	739. 87
287	Wakefield, E. K.....	73. 65	141. 48	222. 25	302. 44	739. 82
288	Fairchild, M. D.....	76. 39	149. 72	216. 82	296. 89	739. 82
b289	Ashton, A. H.....	82. 59	148. 65	216. 98	290. 60	738. 82
290	Tisdale, W. G., jr.....	74. 80	144. 74	216. 09	302. 27	737. 90
291	Patten, R. M.....	75. 38	142. 01	218. 11	302. 15	737. 65
292	Van Metre, T. J.....	78. 56	142. 31	219. 80	296. 96	737. 63
293	Brokenshire, D. B.....	78. 61	146. 99	217. 53	294. 50	737. 63
294	Ellis, W. E.....	75. 08	145. 45	220. 15	296. 75	737. 43
295	Roby, A. B.....	74. 31	143. 39	225. 89	293. 69	737. 28
296	Whitaker, J. M.....	76. 54	146. 37	215. 06	299. 28	737. 25
297	Boyd, A. M., jr.....	80. 11	142. 92	228. 14	286. 01	737. 18
298	Gross, R. L.....	79. 38	147. 94	215. 45	294. 27	737. 04
299	Mayo, R. L.....	75. 70	144. 58	221. 73	294. 66	736. 67
300	Post, W. S., jr.....	77. 88	144. 68	223. 20	290. 78	736. 54
301	Briner, H. V.....	80. 51	148. 94	218. 01	289. 06	736. 52
302	Robinson, F. L.....	78. 23	149. 05	214. 59	294. 57	736. 44
303	Doyle, W. T., jr.....	75. 39	145. 16	219. 81	295. 95	736. 31
304	Coates, R. F.....	76. 65	146. 13	215. 75	297. 64	736. 17
305	Verhoye, H. J.....	76. 71	144. 37	220. 31	294. 67	736. 06
306	Block, E. M.....	72. 46	140. 51	220. 31	302. 72	736. 00
307	Smith, P. T., jr.....	74. 98	145. 13	215. 95	299. 77	735. 83
308	Hutchins, T. B., 3d.....	80. 03	141. 74	218. 14	295. 90	735. 81
MC309	Price, E. O.....	78. 42	145. 01	217. 84	294. 31	735. 58
310	Long, V. O.....	77. 63	142. 88	217. 78	296. 78	735. 07
311	Koepke, L. L.....	75. 40	143. 79	218. 15	297. 51	734. 85
312	Sanchez, H. G.....	71. 17	144. 79	217. 20	301. 65	734. 81
313	Konigsberg, A.....	74. 21	141. 77	217. 63	300. 77	734. 38
314	Moffett, W. A., jr.....	73. 31	145. 67	217. 88	297. 30	734. 16
315	McLeod, B. F.....	75. 34	148. 46	215. 95	294. 10	733. 85
MC316	Hill, R. E.....	77. 22	145. 56	222. 30	288. 46	733. 54
317	Robbins, J. A.....	77. 02	144. 79	210. 61	300. 92	733. 34
318	Sisson, J. E.....	76. 69	146. 60	220. 70	288. 59	732. 58
319	Azer, J. B.....	75. 59	143. 85	217. 01	295. 61	732. 06
320	Lynch, O. D. T.....	74. 42	144. 07	225. 84	287. 61	731. 94

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
321	Whitehurst, E. H.	79. 51	136. 50	214. 74	300. 74	731. 49
322	Sanders, W. H., jr.	78. 43	145. 55	217. 38	289. 31	730. 67
323	Westhofen, C. L.	79. 84	144. 95	214. 11	291. 63	730. 53
MC324	Daly, J. M.	77. 95	139. 67	217. 52	295. 03	730. 17
325	Farmer, W. H.	73. 06	155. 78	214. 33	286. 39	729. 56
MC326	Pusel, N. J.	74. 06	144. 12	214. 29	296. 95	729. 42
327	Nix, J. J.	76. 32	141. 42	216. 17	295. 50	729. 41
328	Wingard, W. C., jr.	74. 32	145. 29	216. 14	293. 20	728. 95
329	Feiock, H. K.	74. 70	144. 03	212. 65	297. 23	728. 61
MC330	Salmon, R. D.	73. 82	144. 81	215. 47	293. 76	727. 86
331	Dimmick, J. B.	72. 37	140. 67	221. 56	293. 21	727. 81
332	Owen, A. E.	74. 58	147. 02	215. 66	290. 09	727. 35
333	Haile, J. R.	82. 23	145. 07	212. 29	287. 37	726. 96
334	McGlathery, R. D.	78. 96	143. 69	217. 40	286. 72	726. 77
335	Carter, F. M.	73. 68	143. 73	218. 59	290. 03	726. 03
336	Smith, H.	74. 31	139. 23	221. 59	290. 79	725. 92
337	Woodruff, J. A., jr.	74. 05	148. 29	211. 71	290. 85	724. 90
338	Howell, J. G.	76. 54	144. 43	212. 07	290. 51	723. 55
339	Mott, E. B., 2d.	78. 03	139. 33	215. 50	290. 54	723. 40
340	Harmon, W. L.	73. 23	141. 05	218. 82	289. 94	723. 04
m341	Dallman, D. E.	73. 04	140. 57	213. 87	295. 50	722. 98
342	Harrell, N.	74. 59	143. 97	213. 97	289. 90	722. 43
343	Sutton, R. D.	74. 52	138. 09	212. 21	297. 39	722. 21
344	Jennings, R. F.	74. 73	142. 85	212. 18	291. 95	721. 71
345	Newsome, J. H.	73. 20	140. 94	213. 67	293. 58	721. 39
b346	Cable, T. H.	73. 31	140. 28	214. 85	292. 44	720. 88
347	Campbell, N. A.	76. 82	143. 77	213. 98	286. 18	720. 75
MC348	Lloyd, R.	75. 12	146. 47	214. 80	284. 24	720. 63
k349	Blemker, N. L.	77. 23	146. 79	212. 32	284. 11	720. 45
350	Webb, T. S.	74. 75	142. 76	211. 90	290. 90	720. 31
351	Germany, R. W., jr.	77. 69	142. 75	213. 97	285. 87	720. 28
352	Flynn, J. F.	78. 24	142. 31	208. 89	289. 78	719. 22
353	Ruddy, J. A., jr.	76. 44	143. 20	211. 64	287. 37	718. 65
354	Bristol, J. M.	73. 17	136. 81	211. 50	296. 61	718. 09
355	Wilbourne, W. W.	72. 91	141. 09	216. 35	287. 59	717. 94
356	Hanson, B. S., jr.	72. 96	141. 27	210. 96	292. 29	717. 48
357	Coffee, D. M.	72. 10	136. 44	213. 96	294. 95	717. 45
m358	Lynch, R. F.	74. 26	144. 00	210. 94	288. 10	717. 30
m359	Legaré, H. K.	74. 38	137. 12	216. 05	289. 25	716. 80
360	Eddy, I. C.	75. 99	139. 44	217. 86	283. 28	716. 57
y361	Andrada, J. V.	78. 40	142. 37	209. 78	285. 59	716. 14
362	Haynsworth, H. C.	74. 60	141. 85	212. 18	287. 33	715. 96
363	Dunn, E. J.	71. 77	141. 67	213. 67	288. 38	715. 49
364	Nutting, K. L.	75. 55	142. 27	211. 53	284. 74	714. 09
365	Stevenson, H. C.	74. 49	138. 34	212. 59	288. 37	713. 79

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1930), 405 members, of whom 402 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
MC366	Fry, E. W., jr.....	73. 59	141. 49	210. 48	287. 88	713. 44
367	Clark, B. V.....	75. 40	140. 36	215. 47	282. 19	713. 42
368	Olney, D. W.....	72. 79	138. 48	210. 75	291. 30	713. 32
369	Wagner, E. O.....	72. 19	140. 41	210. 08	290. 60	713. 28
370	Williams, M. B.....	77. 24	143. 96	209. 74	282. 31	713. 25
371	Wygant, H. S., jr.....	71. 63	138. 85	214. 73	287. 43	712. 64
372	Woodard, W. T.....	70. 63	136. 99	213. 03	291. 91	712. 56
373	Westropp, H. P.....	74. 30	137. 71	208. 26	291. 97	712. 24
374	Spring, A. F.....	73. 04	139. 93	213. 74	285. 17	711. 88
375	Robinson, O. W.....	73. 28	137. 97	214. 29	284. 48	710. 02
376	Foott, G. W., jr.....	73. 08	135. 51	206. 83	293. 70	709. 12
377	Newell, B. B.....	80. 44	145. 11	203. 44	279. 33	708. 32
b378	Blanchard, B. E.....	75. 97	137. 38	206. 84	287. 76	707. 95
379	Duryea, H. E.....	71. 56	143. 78	208. 95	283. 14	707. 43
380	Wolverton, R. A.....	73. 14	143. 77	207. 64	282. 52	707. 07
m381	Henry, W. T.....	74. 19	137. 56	209. 66	284. 76	706. 17
382	Lidstone, N. A.....	82. 56	141. 11	204. 84	277. 66	706. 17
383	Over, G. R.....	73. 95	137. 26	210. 01	283. 97	705. 19
d384	Gilliam, C. R.....	74. 71	142. 24	205. 95	282. 09	704. 99
385	Chapple, W. G.....	72. 09	141. 48	209. 00	282. 23	704. 80
m386	Snyder, J. C.....	72. 61	136. 03	207. 28	288. 60	704. 52
387	Mathews, L. O., jr.....	72. 70	139. 39	210. 01	281. 93	704. 03
388	Reeder, F. M.....	71. 74	133. 67	211. 06	287. 09	703. 56
389	Douglass, A. P.....	78. 61	144. 04	202. 50	278. 36	703. 51
390	Clifton, J. C.....	71. 19	134. 96	205. 20	290. 45	701. 80
391	Newman, R. L.....	70. 34	139. 01	207. 47	284. 69	701. 51
392	Edwards, J. E.....	73. 59	139. 29	205. 74	282. 24	700. 86
393	Randolph, S. A.....	71. 09	138. 91	209. 22	281. 46	700. 68
*394	Kaiser, W. C.....	73. 61	139. 21	207. 83	278. 00	698. 65
SC 395	Cardwell, L.....	76. 32	142. 94	199. 73	279. 10	698. 09
MC396	Brunton, L. C.....	72. 04	135. 36	203. 67	279. 95	691. 02
397	Heerbrandt, P. F.....	73. 76	135. 99	203. 36	277. 36	690. 47
398	Howerton, C. C.....	72. 18	133. 86	202. 75	281. 43	690. 22
399	Wright, T. K.....	71. 90	136. 66	207. 02	273. 89	689. 47
400	Vosseller, J. O.....	70. 41	135. 00	205. 00	276. 23	686. 64
401	Barrett, A. J., jr.....	73. 21	134. 37	204. 53	274. 12	686. 23
402	McPherson, K. S.....	72. 49	133. 71	201. 69	275. 93	683. 82
403	Conner, R. R.....	71. 49	138. 63	201. 43	271. 34	682. 89
wr	Bradman, F. C.....	80. 73	150. 35	227. 79	(a)	Inc.
w	Freeberg, S. A.....	76. 98	138. 33	207. 01	(a)	Inc.

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
218	Adams, Carlton Rolla.....	North Carolina.....	Sept. 1, 1926	18	5	8	9
255	Adams, Scarritt.....	New York.....	June 15, 1926	19	3	8	9
50	Adkins, James Alvin.....	District of Columbia.	do.....	17	0	8	9
97	Agnew, Jack.....	Texas.....	June 22, 1926	16	10	8	9
86	Ailes, John William, III.....	Pennsylvania.....	do.....	18	9	8	9
*15	Alexander, Stanley Morton.....	Illinois.....	June 29, 1926	17	3	8	9
87	Allen, Burrell Clinton, jr.....	Connecticut.....	June 28, 1926	17	5	8	9
268	Allen, William Young, jr.....	Texas.....	June 15, 1926	18	4	7	28
y372	Andrada, José Villagracia.....	Philippine Islands	Aug. 23, 1926	17	6	8	9
227	Andrews, Charles Herbert.....	Connecticut.....	June 15, 1926	18	1	8	9
160	Armstrong, John Hord, jr.....	Kentucky.....	Aug. 23, 1926	18	11	8	9
143	Arwine, Shryock Mandville.....	At large (Pres.).....	June 15, 1926	16	7	8	9
b339	Ashton, Arthur Harold.....	Connecticut.....	June 29, 1926	18	6	8	9
*8	Atkins, Griswold Terry.....	do.....	June 21, 1926	16	5	8	9
301	Azer, John Behling.....	Illinois.....	June 16, 1926	19	7	8	9
123	Badger, Harry Peaslee.....	New York.....	July 13, 1926	18	9	8	9
71	Bardwell, Francis Emerson.....	do.....	June 21, 1926	18	11	8	9
401	Barrett, Arthur Jenkins, jr.....	Massachusetts.....	June 28, 1926	18	8	8	9
b80	Bates, Richard Harned.....	New York.....	Sept. 3, 1926	18	7	8	9
MC135	Bauer, Harold William.....	Nebraska.....	June 22, 1926	17	7	5	7
273	Bauer, Rudolph Charles.....	New York.....	June 21, 1926	19	9	5	18
MC118	Beans, Fred Dale.....	Texas.....	June 18, 1926	19	8	5	18
253	Bisson, John Kenneth.....	Illinois.....	June 28, 1926	19	7	8	9
139	Blackburn, Paul Prichard, jr.....	Nebraska.....	June 14, 1926	17	5	8	9
b359	Blanchard, Boyd Edward.....	Maine.....	July 15, 1926	17	0	8	9
b276	Blanning, Edwin Joseph, jr.....	Pennsylvania.....	Sept. 2, 1926	19	11	8	9
k379	Blemker, Nyle Louis.....	Iowa.....	June 29, 1926	16	10	8	9
246	Block, Everett Milton.....	Illinois.....	June 28, 1926	18	4	8	9
SC177	Bourgeois, Aubrey Joseph.....	Louisiana.....	June 17, 1925	17	6	11	3
282	Bowen, John Bunyan, jr.....	Georgia.....	June 15, 1926	18	6	8	9
370	Boyd, Alston Maury, jr.....	Tennessee.....	June 16, 1925	19	5	11	3
232	Boyle, Lee DeVall.....	Iowa.....	June 14, 1926	19	3	8	9
MC189	Boyle, Stewart.....	New Jersey.....	June 17, 1926	17	9	8	9
wr	Bradman, Frederic Cushing.....	At large (Pres.).....	June 21, 1926	18	0	7	24
91	Brady, Parke Howle.....	Ohio.....	June 22, 1926	18	9	8	9
210	Breault, John Louis, jr.....	Massachusetts.....	do.....	19	8	5	15
351	Briner, Harmon Vedder.....	New Jersey.....	June 14, 1926	17	8	8	9
43	Briner, Richard Robert.....	do.....	July 8, 1926	18	10	8	9
294	Bristol, John Morgan.....	Ohio.....	June 15, 1926	18	7	8	9
155	Brodie, George Keeney.....	Kentucky.....	June 17, 1926	18	6	8	9
314	Brokenshire, Douglas Best.....	New Hampshire.....	June 15, 1926	17	0	8	9
105	Brook, Charles Bates.....	Maryland.....	June 18, 1926	19	9	8	9
*20	Browne, Oscar Morrison, jr.....	Illinois.....	June 14, 1926	19	9	8	9
234	Brumby, Edward.....	Massachusetts.....	July 13, 1926	18	5	8	9
MC392	Brunton, Lawrence Collins.....	California.....	June 18, 1926	19	4	8	9
104	Burden, Harvey Paul.....	Texas.....	June 15, 1926	16	5	8	9
213	Burgess, John Grafton.....	Minnesota.....	Aug. 11, 1926	19	3	6	17
53	Burgett, William Ano.....	Colorado.....	June 18, 1926	18	10	8	9
54	Burns, Martin Charles.....	Washington.....	June 15, 1926	17	1	8	9
62	Butler, William Clayton, jr.....	Virginia.....	June 21, 1926	18	9	8	9
149	Butterfield, George Nelson.....	Vermont.....	June 16, 1926	18	4	8	9
b327	Cable, Thomas Hamilton.....	Kansas.....	June 17, 1926	19	1	8	9
b286	Caillouet, Jean Louis, jr.....	Louisiana.....	June 16, 1925	17	5	8	9

1930), 405 members, for the last year of their academic course

Seaman- ship and fight tactics	Ordnance and gunnery	Navigation	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lang- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
50.72	48.56	30.10	41.30	49.92	14.70	12.12	6.84	51.85	306.11
52.08	49.52	29.10	40.11	43.28	16.75	13.48	6.94	50.49	301.75
55.44	53.84	35.00	42.70	48.08	16.75	13.48	7.26	61.20	333.75
54.16	53.92	32.70	42.84	49.44	17.30	14.60	7.46	50.83	323.25
52.40	53.68	35.30	42.35	49.12	15.80	13.00	6.88	56.78	325.31
59.92	56.88	33.65	44.17	51.52	16.90	14.32	7.68	61.71	346.75
56.96	52.08	32.25	42.63	50.40	16.00	12.44	6.86	55.42	325.04
45.76	45.76	28.35	37.80	45.36	13.30	12.52	6.98	63.75	299.58
46.64	44.56	25.80	36.26	44.56	13.05	12.76	6.88	55.08	285.59
49.36	51.20	31.45	39.34	42.40	13.65	11.72	7.40	58.99	305.51
51.44	49.92	31.30	41.44	46.64	15.70	13.28	7.18	57.29	314.19
54.96	54.56	32.60	41.72	49.04	15.30	12.92	7.22	47.94	316.26
47.04	46.56	26.90	38.36	43.20	13.85	12.00	6.76	55.93	290.60
56.56	58.24	35.70	46.62	54.56	16.05	12.84	7.40	62.56	350.53
50.24	45.44	27.15	37.03	43.46	15.65	11.60	6.66	58.48	295.61
56.16	54.48	29.00	41.37	49.28	14.25	11.72	7.66	55.42	319.34
53.12	52.64	31.95	42.77	50.24	15.70	13.16	6.96	61.37	327.91
43.60	43.44	26.05	35.70	40.72	13.00	10.64	5.72	55.25	274.12
52.72	55.60	32.30	44.52	49.12	15.05	13.24	7.12	56.44	326.11
51.20	53.12	33.90	42.56	46.88	14.80	12.48	6.74	56.10	317.75
47.04	50.80	30.90	38.36	43.92	14.75	12.28	6.20	54.91	299.16
51.92	50.56	31.60	42.14	49.36	15.10	11.64	7.20	60.52	320.04
49.60	49.28	30.20	39.69	45.36	14.05	11.40	6.36	56.10	302.04
51.20	52.40	31.70	38.57	44.64	15.80	12.84	7.20	62.73	317.08
48.16	45.36	26.15	36.12	43.12	13.95	11.64	6.48	56.78	287.76
47.60	48.48	28.85	40.39	46.24	14.60	11.24	6.46	54.23	298.09
46.24	45.84	27.35	36.75	41.60	13.25	12.84	6.86	53.38	284.11
50.72	47.76	30.05	40.04	47.04	14.10	10.96	6.12	55.93	302.72
53.12	48.88	29.60	38.99	45.76	17.05	12.64	7.04	58.82	311.90
49.60	48.80	31.85	38.99	45.84	13.90	11.80	6.54	50.15	297.47
49.44	45.44	30.40	37.87	44.80	13.30	11.40	7.12	46.24	286.01
49.92	50.32	30.70	39.48	45.44	13.75	12.68	6.44	56.10	304.83
52.00	51.84	30.65	40.88	45.84	13.75	12.08	6.38	56.27	309.69
(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
53.20	53.20	29.65	40.60	47.76	17.15	13.36	7.18	62.73	324.83
51.60	52.40	30.85	42.28	45.20	15.55	12.04	6.74	50.66	307.32
45.68	45.36	31.25	37.73	43.28	12.60	12.20	6.90	54.06	289.06
54.88	56.16	32.95	44.45	51.20	14.45	13.68	7.34	61.03	336.14
47.84	51.92	31.00	38.22	43.20	13.35	11.52	7.20	52.36	296.61
51.28	55.04	31.20	43.61	46.08	13.90	10.96	7.48	55.08	314.63
48.64	48.72	27.25	38.92	43.52	13.80	12.60	7.16	53.89	294.50
53.20	55.36	29.50	42.35	48.72	17.25	13.48	7.78	54.23	321.87
57.84	55.20	33.35	46.13	52.08	16.35	13.92	7.26	62.22	344.35
51.04	50.16	31.15	38.64	43.76	14.15	11.84	6.46	57.29	304.49
45.12	44.40	26.90	37.71	41.28	12.75	11.16	6.06	54.57	279.95
53.76	53.12	34.90	41.51	48.72	14.90	11.24	7.04	56.78	321.97
51.84	49.84	30.55	39.48	45.76	14.50	12.32	7.20	55.76	307.25
55.52	55.76	35.00	42.77	50.24	16.45	12.52	7.56	56.95	332.77
52.40	55.04	32.35	42.14	49.04	17.10	14.04	7.60	62.90	332.61
53.28	53.28	34.45	44.24	47.12	14.70	13.20	7.52	61.37	329.16
51.68	50.88	32.35	39.48	48.88	13.40	11.92	6.60	60.01	315.20
45.52	44.96	27.30	38.15	42.16	13.75	11.16	5.86	63.58	292.44
48.48	47.44	27.25	39.76	43.52	14.20	11.08	7.38	58.11	297.25

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
369	Campbell, Norwood Axtell	Indiana	June 28, 1926	19	0	7	28
m174	Canaday, Harry Ridge	Iowa	do	17	1	8	9
SC 394	Cardwell, Laurence ¹	District of Columbia				10	13
120	Carmick, Edward Seabury	do	July 13, 1926	18	4	8	9
162	Carpenter, Gilbert Crowell	Michigan	July 17, 1926	16	10	8	9
345	Carter, Francis Miller	Kansas	June 16, 1926	18	9	8	9
267	Cass, Richard Stuart	Iowa	June 28, 1926	17	9	5	10
57	Chafee, George Benedict	Florida	July 8, 1926	17	6	8	9
131	Chambers, George Mitchell	Michigan	June 14, 1926	19	5	7	28
356	Chapple, Wreford Goss	Montana	June 28, 1926	18	3	5	18
297	Charneco, Carlos Mario	Porto Rico	June 16, 1925	19	5	10	7
387	Clark, Baylies Voorheis	California	June 16, 1926	17	5	8	9
158	Clark, Henry Garner	Kentucky	do	16	11	8	9
214	Clarkson, James Stroud	New Jersey	do	19	6	8	9
343	Clifton, Joseph Clinton	Kentucky	do	18	8	5	5
*27	Coates, Leonidas Dixon, jr	California	do	18	8	8	9
280	Coates, Robert Foresman	Wisconsin	June 21, 1926	17	1	8	9
270	Coe, James Wiggins	Indiana	July 1, 1926	17	1	8	9
308	Coffee, Doyle Murray	Alabama	June 15, 1926	17	9	8	9
263	Colestock, Edward Emerson	Pennsylvania	do	19	4	8	9
169	Conn, Richard John Hugh	Iowa	June 28, 1926	18	9	7	28
403	Conner, Ray Russell	West Virginia	June 18, 1925	20	2	11	3
188	Cook, George	New Jersey	June 16, 1926	19	6	6	3
94	Corbus, John	California	July 6, 1926	18	8	8	9
113	Corey, Howard Grant	do	June 14, 1926	19	1	8	9
*29	Craig, John Rich	Florida	June 15, 1926	19	9	8	9
159	Craighill, Robert Rutherford	Illinois	Aug. 9, 1926	18	9	8	9
203	Curley, Kyran Edward	New York	July 9, 1926	17	1	8	9
296	Cushing, Dana Buckley	Massachusetts	Aug. 30, 1926	18	6	8	9
m304	Dallman, David Edward	Wisconsin	July 9, 1926	17	11	8	9
125	Dally, Ruel Stuart	Minnesota	Aug. 12, 1925	19	8	7	28
MC306	Daly, James Michael	New York	July 13, 1926	18	6	8	9
MC157	Davis, John Malcolm	Kentucky	June 16, 1926	19	10	8	9
82	Davis, James White	Missouri	June 24, 1926	19	8	8	9
254	Dealey, Samuel David	Texas	Aug. 30, 1926	20	0	8	9
115	Dennis, Jefferson Rice	Colorado	June 22, 1926	17	2	8	9
65	de Vos, Paul Louis	Arizona	June 15, 1926	18	7	8	9
324	Dimmick, John Bagley	Michigan	June 18, 1926	18	10	8	9
*19	Dodge, Harry Benjamin	Maine	June 14, 1926	20	0	8	9
130	Dodson, Joseph Edward	Texas	June 28, 1926	16	10	8	9
c183	Dorner, Edward Paul	Nebraska	do	19	11	5	15
44	Dornin, Marshall Edgar	California	June 15, 1926	18	5	8	9
91	Dorsey, Jack Sidney	Florida	June 18, 1926	19	2	8	9
395	Douglass, Albert Pike	Alabama	June 15, 1926	18	0	7	23
47	Douw, Volckert Petrus	Maryland	July 13, 1926	19	4	8	9
298	Doyle, William Thomas, jr.	Illinois	June 16, 1926	18	5	8	9
t308	Drake, Nels D'Arcy	At large (Pres.)	June 15, 1926	16	10	5	1
153	Drane, William McClure	Tennessee	Aug. 30, 1926	19	11	8	9
355	Dunn, Elmer Jackson	Arkansas	June 15, 1926	20	1	8	9
382	Duryea, Harold Edward	New York	June 22, 1926	18	9	8	9
317	Earl, Charles Edward	Georgia	June 15, 1926	18	5	8	9
154	Earle, Otis John	Pennsylvania	Aug. 7, 1926	18	0	8	9
195	Ebert, Walter Gale	West Virginia	July 14, 1926	16	11	8	9

¹ Name changed from Larry Cardwell.

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
45.36	45.76	29.00	37.38	43.04	13.00	10.68	6.54	55.42	286.16
52.32	50.24	30.35	40.74	46.64	14.50	13.20	7.24	57.12	312.35
45.60	42.16	28.05	36.54	42.00	13.50	10.88	6.48	53.89	279.10
53.28	52.16	31.10	41.02	43.52	16.05	14.00	7.20	61.20	319.53
49.76	50.00	31.90	42.07	49.44	14.30	11.60	6.74	58.14	313.95
47.60	48.00	27.60	39.34	45.12	13.85	10.84	7.02	50.66	290.03
45.84	47.92	29.85	38.08	43.04	14.30	13.28	6.00	61.37	299.68
55.60	52.64	35.00	45.22	51.52	13.70	11.12	6.56	60.52	331.88
54.24	50.96	32.75	41.79	48.56	14.05	11.24	7.60	57.46	318.65
45.52	44.80	26.55	37.03	42.32	13.35	10.52	7.06	55.08	282.23
47.68	47.52	28.90	37.38	44.48	14.75	15.64	7.42	52.36	296.13
45.36	46.08	26.80	37.87	43.76	12.70	11.04	6.90	51.68	282.19
50.64	53.60	33.75	43.05	50.00	15.00	12.00	6.44	49.81	314.29
50.72	52.24	28.60	39.06	46.96	14.50	13.04	7.02	54.91	307.05
45.60	45.12	27.20	41.44	43.84	13.40	11.28	6.64	55.93	290.45
55.28	56.32	36.85	47.60	56.80	15.90	13.64	7.04	52.19	341.62
51.04	46.88	27.75	38.08	44.80	13.70	13.60	7.22	54.57	297.64
49.12	48.88	29.20	39.90	45.20	13.65	10.72	7.12	55.59	299.38
51.20	45.76	28.50	37.80	43.92	14.05	11.92	6.72	55.08	294.95
48.32	50.80	28.90	39.69	46.56	13.45	11.72	7.22	53.89	300.55
48.80	49.76	29.95	42.63	46.88	14.45	11.28	7.24	62.05	313.04
44.08	43.84	25.45	35.98	40.96	12.90	10.88	6.08	51.17	271.34
48.80	49.44	29.00	38.99	45.44	15.10	13.08	7.14	62.73	309.72
50.56	53.68	33.30	40.67	47.68	16.85	12.00	7.56	61.20	323.50
53.84	51.76	31.05	40.39	45.28	15.20	13.12	7.40	62.73	320.77
58.08	55.44	33.55	45.92	55.36	15.55	12.68	7.34	57.46	341.38
53.20	54.40	29.85	40.88	46.24	15.15	13.40	6.76	54.40	314.28
48.88	50.96	30.95	37.73	43.20	14.70	12.40	6.32	54.74	299.88
47.04	47.12	28.30	38.99	44.72	13.15	12.08	6.50	58.31	296.21
48.32	46.80	25.70	39.34	46.88	14.25	11.72	6.22	56.27	295.50
51.92	48.72	32.40	43.96	52.56	13.60	10.76	7.00	58.31	319.23
47.60	50.72	28.00	38.78	43.12	13.90	12.32	6.70	53.89	295.03
50.00	52.56	30.10	42.70	49.52	15.15	11.20	7.02	56.10	314.35
55.52	55.04	30.75	41.51	49.12	16.30	12.92	6.90	57.80	325.86
47.44	50.64	28.25	40.04	44.16	15.70	12.44	6.12	57.12	301.91
55.36	50.88	31.50	40.04	48.32	14.95	14.40	6.90	58.14	320.49
51.36	52.48	32.15	42.91	50.56	16.50	14.28	6.98	61.54	328.76
49.68	48.40	27.20	39.06	42.64	14.00	11.24	6.08	54.91	293.21
55.20	55.84	34.60	47.60	53.44	15.60	13.60	7.66	60.86	344.40
54.08	53.04	30.15	41.65	48.72	14.65	12.60	7.54	56.44	318.87
51.84	51.92	30.40	40.74	47.12	15.35	12.12	6.00	55.42	310.91
56.48	56.48	34.30	44.80	48.40	18.05	14.20	7.38	55.59	335.68
52.72	50.08	31.05	42.14	49.92	15.25	12.36	7.22	64.09	324.83
47.52	45.20	26.30	37.38	41.68	13.50	13.68	6.86	46.24	278.36
56.08	53.92	33.65	42.49	48.88	16.65	13.64	7.06	62.22	334.59
48.32	50.16	28.90	40.81	43.76	15.55	11.60	6.70	50.15	295.99
48.40	47.36	27.35	41.02	45.92	14.50	12.36	6.70	51.34	294.55
50.32	52.32	32.65	42.63	48.08	13.85	11.84	6.30	56.95	314.94
46.56	42.96	27.35	39.27	43.84	14.45	11.56	7.48	54.91	288.38
46.80	46.24	28.65	37.31	43.20	13.35	11.48	6.30	49.81	283.14
47.20	49.52	28.60	37.73	43.12	13.40	13.08	7.18	54.40	294.23
53.92	51.44	31.90	43.12	47.60	15.00	12.00	6.38	53.38	314.74
50.48	50.00	32.35	39.06	44.48	15.00	11.80	7.70	58.31	309.18

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
381	Eddy, Ian Crawford.....	New York.....	June 18, 1926	20	0	2	25
m196	Edgerton, Everett William.....	South Carolina.....	Aug. 30, 1926	18	1	8	9
385	Edwards, John Ellis.....	North Carolina.....	June 21, 1926	17	0	8	9
292	Ellis, William Edward.....	do.....	do.....	17	7	8	9
168	Engleman, Christian Levin.....	Washington.....	June 23, 1926	20	3	8	9
85	Englund, Harry Wallace.....	Wisconsin.....	June 22, 1926	18	6	8	9
*16	Ennis, William Clare.....	Michigan.....	June 15, 1926	20	0	8	9
66	Ensey, Lot.....	Florida.....	do.....	17	7	8	9
m99	Epperly, William Francis.....	Virginia.....	June 25, 1926	19	1	8	9
156	Esslinger, Robert John.....	Michigan.....	June 28, 1926	18	3	8	9
140	Estabrook, William Sears, jr.....	New York.....	June 30, 1926	18	2	8	9
*3	Evans, Philip Cabell.....	Montana.....	June 28, 1926	16	5	8	9
290	Fairchild, Milton Duncan.....	Kentucky.....	June 19, 1926	19	6	8	9
368	Farmer, William Howard.....	Illinois.....	June 16, 1925	18	9	11	3
b79	Farnham, Duane Wesley.....	Colorado.....	June 23, 1926	17	5	8	9
287	Feiock, Harold King.....	Indiana.....	July 16, 1926	19	11	8	9
348	Flynn, John Francis.....	Massachusetts.....	June 15, 1926	19	6	8	9
321	Foott, George Wade, jr.....	Oregon.....	June 18, 1926	19	2	5	15
111	Forster, James Franklin.....	Tennessee.....	June 28, 1926	18	1	8	9
*26	Foster, Robert Boyd.....	Maryland.....	do.....	17	11	8	9
48	Foster, Walter Manly.....	Alabama.....	June 15, 1925	19	11	11	3
w	Freeberg, Sidney Arthur.....	Minnesota.....	Oct. 4, 1926	19	11	8	12
MC274	Fromhold, Walfried Halton.....	Missouri.....	June 18, 1926	18	10	7	10
MC358	Fry, Ernest Walter, jr.....	Minnesota.....	July 6, 1926	19	9	8	9
90	Fuetsch, Bernhart Alois.....	Nevada.....	Aug. 9, 1926	17	6	8	9
244	Garcia, George Edward.....	California.....	June 14, 1926	19	5	8	9
176	Gaulin, Victor Salomon.....	Massachusetts.....	June 18, 1926	19	6	7	10
36	Gentner, William Ellis, jr.....	California.....	June 14, 1926	18	11	8	9
165	Gentry, Kenneth McLoud.....	Missouri.....	June 29, 1926	18	8	8	9
371	Germany, Robert William, jr.....	Louisiana.....	June 22, 1926	16	7	8	9
d388	Gilliam, Charles Robert.....	Texas.....	do.....	19	9	11	2
35	Gladney, Donald Wesley, jr.....	Arkansas.....	June 14, 1926	19	10	8	9
134	Gluntz, Marvin Henry.....	Ohio.....	do.....	19	11	8	9
142	Gragg, John Blair.....	Michigan.....	June 23, 1926	18	9	8	9
b67	Grannis, Russell Lynn.....	Iowa.....	June 17, 1926	19	3	8	9
121	Grant, James Donald Livingston.....	New York.....	June 24, 1926	17	8	8	9
241	Grantham, Elonzo Bowden, jr.....	North Carolina.....	June 14, 1926	19	5	8	9
MC148	Greene, Wallace Martin.....	Vermont.....	June 21, 1926	18	6	8	9
316	Gross, Royce Lawrence.....	New York.....	do.....	19	9	8	9
128	Grove, Alfred Edgar.....	Missouri.....	June 14, 1926	18	1	8	9
129	Gubbins, William Wheeler.....	Illinois.....	June 16, 1926	20	2	8	9
240	Hahn, Elvin.....	New Jersey.....	do.....	18	10	8	9
363	Haile, John Robinson.....	Texas.....	June 15, 1925	19	2	8	9
203	Haines, Nathan Starr.....	Illinois.....	July 14, 1926	17	11	8	9
76	Haley, Thomas Bradley.....	Tennessee.....	June 21, 1926	19	0	5	18
259	Hall, Clifton Greenleaf.....	New Hampshire.....	July 27, 1926	17	7	8	9
147	Halstead, Mervin.....	Ohio.....	July 7, 1926	18	1	8	9
257	Hanlin, Paul Wilkinson.....	California.....	June 15, 1926	18	11	8	9
51	Hansen, Henry Otto.....	Iowa.....	do.....	18	11	8	9
328	Hanson, Burton S, jr.....	Michigan.....	June 18, 1926	19	1	8	9
346	Harmon, William Lockhart.....	do.....	June 16, 1926	18	9	8	9
347	Harrell, Ned.....	Oregon.....	June 22, 1926	17	7	7	23
180	Harris, David Alonzo.....	Georgia.....	June 15, 1926	17	11	8	9

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
46.48	47.12	21.15	39.55	42.88	13.55	10.84	7.48	54.23	283.28
48.64	50.72	32.55	39.27	47.28	13.85	11.28	6.36	59.16	309.11
44.96	45.44	27.90	36.75	42.96	13.10	10.76	6.82	53.55	282.24
50.08	46.32	28.45	40.88	44.40	14.20	11.28	7.08	54.06	296.75
50.80	48.48	31.65	41.93	53.12	13.85	10.84	6.86	55.59	313.12
53.52	53.28	33.35	42.28	48.00	15.15	13.80	6.50	59.65	325.53
54.80	59.76	34.60	47.11	51.52	15.85	12.84	7.36	62.73	346.57
52.80	55.52	32.85	44.31	45.36	14.75	12.64	7.22	63.07	328.52
52.40	53.68	36.50	42.77	48.56	15.25	13.64	6.88	53.21	322.89
50.32	51.60	31.40	40.88	48.00	13.75	12.00	7.14	59.50	314.59
52.80	52.08	31.75	41.79	48.72	14.45	12.52	7.62	54.91	316.64
58.88	58.48	36.25	47.88	55.84	17.25	15.12	7.40	56.61	353.71
48.88	49.20	28.20	37.59	42.96	13.80	11.56	6.56	58.14	296.89
46.08	48.16	29.60	35.84	43.12	13.15	11.24	6.50	52.70	286.39
53.04	52.96	33.95	43.19	50.64	15.65	12.92	7.00	57.29	326.64
47.36	49.36	28.30	38.92	47.60	14.45	11.48	7.06	52.70	297.23
46.32	47.76	28.35	36.68	43.04	13.65	12.88	6.02	55.08	289.78
48.64	49.12	31.10	37.45	44.00	14.35	11.12	7.26	50.66	293.70
53.12	50.48	33.40	41.79	46.80	15.40	11.56	7.50	61.20	321.25
55.04	55.04	35.25	46.55	51.12	16.20	12.44	7.10	62.90	341.64
52.08	52.56	35.30	47.25	54.80	13.95	11.12	6.80	60.52	334.38
(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
48.48	51.28	27.35	39.13	42.24	15.95	11.44	6.82	55.93	298.62
46.40	45.04	27.85	37.80	41.92	13.75	11.68	6.32	57.12	287.88
52.80	54.64	31.10	42.77	48.88	17.20	12.36	7.00	58.14	324.89
49.12	49.20	29.15	42.63	46.32	13.80	12.08	6.46	54.06	302.82
50.96	50.48	29.55	41.02	44.40	15.70	14.48	7.32	58.31	312.22
53.92	54.16	34.40	46.34	50.24	14.85	12.48	6.78	65.11	338.28
54.40	50.16	30.50	41.58	44.32	18.80	12.44	6.78	54.40	313.38
46.96	49.44	29.45	37.52	42.32	13.55	11.16	6.68	48.79	285.87
44.40	42.08	26.95	35.98	41.36	17.50	11.36	7.72	54.74	282.09
55.44	54.64	34.80	45.01	51.60	15.60	13.12	6.74	62.90	339.85
50.88	50.40	29.90	40.25	45.44	16.90	13.76	7.06	63.24	317.83
48.80	52.96	32.80	42.63	48.24	14.30	11.64	6.94	57.97	316.28
53.20	55.28	33.60	45.43	49.68	13.15	13.24	6.96	57.97	328.51
54.00	52.08	31.05	41.79	48.80	16.40	12.88	7.08	55.42	319.50
50.56	47.44	27.20	39.55	44.48	14.60	11.48	7.02	61.03	303.36
54.40	50.16	31.50	40.11	45.84	15.80	13.08	7.46	56.95	315.30
46.48	51.20	31.30	37.17	44.96	12.75	12.96	6.96	50.49	294.27
51.44	50.96	33.35	40.18	50.08	16.85	11.84	7.26	57.12	319.08
51.04	52.64	32.80	42.49	45.28	13.60	12.56	7.12	61.37	318.90
50.72	52.00	29.40	39.41	43.28	15.45	12.48	6.46	54.23	303.43
46.88	45.04	25.95	35.28	40.32	14.65	12.00	7.24	60.01	287.37
50.48	52.80	31.75	38.15	44.16	14.90	13.56	6.62	55.76	308.18
53.20	51.12	32.40	44.17	48.96	15.45	12.32	7.24	62.05	326.91
49.12	46.88	30.55	38.22	44.56	13.35	14.56	6.46	57.63	301.33
51.52	50.88	29.70	43.26	49.12	15.55	12.96	7.42	54.91	315.32
51.60	49.04	28.50	38.71	45.60	15.20	12.96	7.06	53.04	301.71
54.96	55.04	33.55	43.26	49.84	15.75	12.72	7.32	60.69	333.13
46.48	45.20	27.25	38.85	42.48	13.65	11.24	6.62	60.52	292.29
48.96	46.88	29.45	37.87	43.28	13.35	11.12	7.18	51.85	289.94
46.56	46.88	28.15	38.78	44.40	13.40	11.68	6.50	53.55	289.90
53.12	49.68	30.25	42.35	45.52	14.00	11.60	7.30	57.63	311.45

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
40	Hart, Charles David.....	Louisiana.....	Aug. 13, 1926	17	7	8	9
*21	Haven, Robert Clarence.....	North Dakota.....	Aug. 23, 1926	20	4	5	10
278	Hawkins, David Delos.....	Washington.....	June 18, 1926	19	3	8	9
MC264	Hayes, Charles Harold.....	New Mexico.....	June 16, 1926	19	9	8	9
365	Haynsworth, Hugh Charles, jr.....	South Carolina.....	do.....	16	4	8	9
*31	Hayward, John Tucker.....	New York.....	July 13, 1926	17	8	8	9
*9	Hean, James Halleck.....	Louisiana.....	June 18, 1926	18	1	8	9
249	Heap, George Lionel.....	Pennsylvania.....	June 15, 1926	18	10	8	9
398	Heerbrandt, Paul Frederick.....	Ohio.....	June 21, 1926	19	4	8	9
*4	Heiser, Harold Marvin.....	Wyoming.....	June 22, 1926	18	1	8	9
170	Heming, Harold Millar.....	New York.....	June 21, 1926	19	6	8	9
m374	Henry, Woodville Thompson.....	Arkansas.....	June 15, 1926	17	6	8	9
231	Herns, Charles Richard.....	Ohio.....	Aug. 9, 1926	18	11	8	9
MC96	Herdon, Glen Galloway.....	Colorado.....	June 15, 1926	19	8	8	9
m255	Hewitt, Gerald Sellen.....	New York.....	June 24, 1926	17	5	8	9
95	Heyward, Alexander Salley, jr.....	South Carolina.....	June 15, 1926	18	3	8	9
42	Higley, Frank Edward, jr.....	Pennsylvania.....	June 21, 1926	18	10	8	9
MC354	Hill, Robert Edward.....	Arkansas.....	do.....	18	9	8	9
*12	Hilles, Frederick Vantyne Holbrook.....	Oregon.....	July 6, 1926	18	3	8	9
220	Hilton, Cyrus Grant.....	Ohio.....	June 17, 1926	19	4	8	9
37	Hindman, Joseph Aloysius Eslen.....	Pennsylvania.....	June 24, 1926	17	5	8	9
*5	Hines, Wellington, T.....	Kentucky.....	June 28, 1926	18	9	8	9
108	Holley, George Michael, jr.....	California.....	June 15, 1926	17	10	8	9
49	Holmes, Ephraim Paul.....	New York.....	June 21, 1926	18	1	8	9
m245	Holt, Herman William.....	Maine.....	do.....	20	0	8	9
*2	Horn, Peter Harry.....	Pennsylvania.....	do.....	17	8	8	9
191	House, Herschel Austin.....	Indiana.....	June 14, 1926	19	0	8	9
*10	Howard, James Hampden.....	South Carolina.....	June 21, 1926	17	8	8	9
342	Howell, John George.....	Pennsylvania.....	do.....	19	10	8	9
391	Howerton, Charles Cabaness.....	Texas.....	Aug. 30, 1926	19	2	2	24
279	Hubbard, Horace Stone.....	Illinois.....	June 16, 1926	18	4	8	9
38	Hughes, Claud Wilborne.....	Arkansas.....	June 14, 1926	20	0	6	16
MC*18	Hughes, Thomas Brandenburgh.....	Kansas.....	June 30, 1926	19	8	7	11
242	Hulme, John.....	Maryland.....	June 18, 1926	19	7	8	9
233	Hunt, Richard Coulter Drum, jr.....	Pennsylvania.....	June 17, 1925	17	11	10	18
299	Hutchins, Thomas Boyd, 3d.....	California.....	June 15, 1926	19	10	8	9
*1	Jackson, Andrew McBurney, jr.....	Louisiana.....	June 14, 1926	19	3	7	13
302	Jenkins, Walter Terry.....	Ohio.....	June 28, 1926	19	3	8	9
330	Jennings, Robert Fulton.....	New Jersey.....	July 1, 1926	17	7	8	9
77	Johnson, Frank Leshner.....	do.....	Sept. 23, 1926	19	2	8	9
m133	Johnson, Harold Frank.....	New York.....	June 18, 1926	19	4	8	9
55	Johnson, Raymond Wilbur.....	do.....	June 23, 1926	19	2	8	9
208	Jones, Lafayette Jackson.....	Tennessee.....	do.....	17	8	8	9
396	Kaiser, William Charles.....	Rhode Island.....	June 15, 1926	18	9	8	9
226	Kelly, Edwin Green.....	Texas.....	June 21, 1926	18	4	8	9
221	Kiefer, Durand.....	Michigan.....	June 28, 1926	18	3	8	9
102	Kinert, John Oscar.....	Washington.....	June 22, 1926	18	11	8	9
73	Kirvan, William Henderson.....	Maine.....	July 24, 1926	18	7	8	9
58	Knoll, Denys William.....	Pennsylvania.....	June 21, 1926	19	3	8	9
281	Koepke, Lyle Lawrence.....	Michigan.....	do.....	19	11	5	18
126	Kohlhas, Albert Posey, jr.....	Pennsylvania.....	June 22, 1926	18	7	6	26
261	Konigsberg, Albert.....	New York.....	June 21, 1926	16	11	8	9
239	Kosco, George Francis.....	Pennsylvania.....	do.....	18	3	8	9
64	Krick, Donald Francis.....	Idaho.....	Aug. 2, 1926	17	6	8	9

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lang- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
56.40	55.36	34.25	46.48	55.20	15.20	12.80	6.86	55.08	337.63
57.04	55.20	34.75	46.41	55.20	15.40	11.76	7.00	61.03	343.79
50.56	48.00	29.85	38.71	42.48	15.15	10.84	7.72	54.57	297.88
50.32	49.12	27.80	37.73	44.88	16.80	14.12	7.10	52.53	300.40
48.48	47.04	27.40	37.52	44.80	13.75	11.20	6.48	50.66	287.33
56.40	56.72	34.70	45.50	50.72	16.05	11.80	7.78	61.54	341.21
57.36	58.40	36.60	47.11	55.52	16.30	12.92	7.84	58.31	350.36
48.08	46.56	29.30	39.83	48.40	13.30	11.52	7.26	58.14	302.39
45.12	45.28	27.10	36.82	41.96	13.90	11.32	7.24	48.62	277.36
57.84	58.08	35.85	47.67	53.04	16.70	14.84	7.58	62.05	353.65
51.68	51.04	30.15	40.18	48.88	15.40	11.76	7.22	56.61	312.92
46.08	44.24	29.00	39.55	43.52	14.55	11.00	6.84	49.98	284.76
49.52	50.00	28.40	40.88	45.36	16.00	12.52	6.46	55.93	305.07
52.32	53.36	32.00	43.05	47.52	14.80	11.76	7.06	61.54	323.41
50.08	50.40	31.80	39.41	46.16	14.80	11.68	7.10	50.32	301.75
53.44	51.92	32.35	41.09	47.60	14.70	12.88	7.26	62.22	323.46
55.20	54.80	31.10	43.33	50.32	16.90	13.44	7.54	63.92	336.55
48.88	45.92	28.90	38.22	43.92	13.05	11.24	6.82	51.61	288.46
56.88	58.00	35.70	48.09	56.64	15.45	13.92	7.56	55.93	348.17
49.12	48.16	30.45	41.58	46.88	14.45	12.40	7.08	55.76	305.88
56.88	54.48	35.85	44.10	50.56	14.65	12.08	6.94	62.73	338.27
54.16	58.16	36.35	48.37	56.32	14.75	13.84	7.18	63.07	352.20
54.32	51.36	34.05	41.16	45.20	15.40	11.80	7.50	60.69	321.48
54.20	54.00	34.30	43.54	48.56	16.35	14.60	7.48	61.20	334.27
52.88	46.96	28.20	41.09	44.08	14.20	11.76	7.16	56.44	302.77
58.00	58.32	36.70	47.95	55.60	15.25	13.32	7.46	61.20	353.80
51.76	50.80	28.35	40.53	46.00	17.80	12.36	7.78	54.74	309.40
59.28	55.60	35.90	45.22	55.04	16.50	12.60	7.48	62.39	350.01
49.84	44.04	26.75	38.78	41.36	13.30	11.32	6.78	58.14	290.51
45.28	43.92	27.25	37.03	42.88	13.20	11.08	6.56	54.23	281.43
48.72	48.00	30.00	39.20	44.00	15.70	11.88	6.60	53.55	297.65
54.08	54.80	34.25	45.50	52.00	15.60	12.32	7.04	62.56	338.15
56.16	55.28	36.05	45.01	53.12	16.25	12.24	7.10	63.75	344.96
48.48	49.60	29.30	39.41	43.28	14.05	12.40	7.40	59.16	303.08
49.12	46.88	28.65	37.45	42.24	17.95	13.32	6.62	62.39	304.62
46.96	45.76	31.15	39.34	45.60	13.95	10.92	7.14	55.08	295.90
58.08	57.92	36.70	52.01	59.84	16.00	11.68	7.34	65.28	364.85
48.08	47.52	28.90	39.13	42.80	13.55	12.04	7.30	56.27	295.59
48.00	47.76	27.05	37.87	41.92	14.20	11.84	7.04	56.27	291.95
55.84	54.80	32.70	41.23	47.84	16.50	13.36	6.94	57.63	326.84
51.76	49.52	30.95	40.88	49.76	16.00	12.00	7.60	59.50	317.97
52.56	54.32	34.90	42.77	48.00	14.85	14.16	7.32	63.58	332.46
50.24	51.20	33.60	39.48	42.64	15.40	13.52	6.70	54.91	307.69
46.24	42.64	26.35	37.59	40.96	12.75	10.88	7.04	53.55	278.00
49.44	47.84	32.10	40.04	47.44	14.25	10.88	6.54	57.12	305.65
51.12	50.32	31.40	38.71	47.28	15.55	12.72	7.22	51.61	305.83
52.96	52.96	33.90	42.21	53.28	14.70	12.08	7.02	53.55	322.66
53.36	55.12	30.70	41.37	47.52	16.80	15.16	7.52	60.01	327.56
51.60	52.72	35.30	43.33	51.68	14.70	12.60	7.04	61.88	330.85
47.44	45.68	30.10	40.46	46.00	12.75	11.00	6.96	57.12	297.51
53.12	50.00	30.95	40.11	49.04	15.75	13.32	7.18	59.65	319.12
50.40	47.36	27.40	37.87	44.72	15.85	12.92	7.30	56.95	300.77
51.44	48.56	28.85	39.62	46.96	13.85	12.12	7.44	54.91	303.75
56.32	53.76	31.70	40.67	50.48	16.10	12.76	7.08	60.01	328.88

Merit roll of the midshipmen of the graduating class (class of 1930).

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
179	Kyes, James Elsworth.....	Washington.....	June 23, 1926	20	2	8	9
52	Lackner, Peter Robert.....	Montana.....	June 14, 1926	17	0	8	9
182	Laing, Frederick Williams.....	New York.....	do.....	19	6	8	9
m78	Lampe, Alfred Ernest.....	New Jersey.....	Aug. 31, 1926	19	2	8	9
164	Lang, James Graeme.....	Minnesota.....	June 17, 1926	19	8	8	9
*22	Larson, Herman Northcott.....	Illinois.....	June 22, 1926	18	9	8	9
174	Lawver, Rowland Clifford.....	do.....	June 18, 1926	19	9	8	9
106	Lee, John Elwood.....	Delaware.....	June 29, 1926	17	9	8	9
m350	Legaré, Herman Keith.....	New York.....	June 21, 1926	18	11	8	9
145	Lewis, John Miles.....	California.....	June 14, 1926	17	0	8	9
397	Lidstone, Nicholas Adair.....	Washington.....	July 1, 1925	19	8	8	9
238	Lincoln, Horatio Alonzo.....	North Dakota.....	June 22, 1926	17	4	8	9
334	Little, Edward Neal.....	Illinois.....	June 18, 1926	18	2	8	9
MC378	Lloyd, Russell.....	New Jersey.....	June 27, 1925	19	4	6	27
291	Long, Veldon Oscar.....	Colorado.....	June 28, 1926	19	1	8	9
205	Lord, Charles Williams.....	Pennsylvania.....	June 24, 1926	16	11	8	9
186	Lowrance, Vernon Long.....	North Carolina.....	June 21, 1926	17	2	8	9
207	Lowrey, William Watson.....	Texas.....	do.....	19	7	8	9
247	Lucas, Frederic Colby, jr.....	Illinois.....	Aug. 11, 1926	17	5	8	9
45	Lucker, Nicholas, jr.....	Connecticut.....	July 9, 1926	17	1	8	9
136	Luongo, Frank Paul, jr.....	New York.....	June 28, 1926	18	11	8	9
360	Lynch, Oliver De Mouy Thomas.....	Alabama.....	July 27, 1926	17	8	8	9
m357	Lynch, Robert Francis.....	New York.....	June 28, 1926	18	8	8	9
181	MacGregor, Edgar John, 3d.....	do.....	June 23, 1926	19	11	7	1
75	MacKay, Hugh Trent.....	Kentucky.....	Aug. 30, 1926	18	7	8	9
112	Malpass, Ray Edward.....	Connecticut.....	June 15, 1926	19	11	8	9
307	Marable, Herbert Hughes.....	Virginia.....	June 21, 1926	19	1	8	9
243	Marix, George Elliott.....	At large (Pres.).....	June 15, 1926	16	11	8	9
117	Marshall, Edmund Sylvester Lee.....	California.....	June 25, 1926	18	4	8	9
101	Marshall, Thomas Worth, jr.....	Ohio.....	Aug. 24, 1926	19	8	8	9
*6	Martell, Charles Bowling.....	District of Columbia.....	June 17, 1926	16	8	8	9
151	Massey, Lance Edward.....	New York.....	June 23, 1926	16	9	8	9
*24	Masterson, Kleber Sanlin.....	New Mexico.....	July 1, 1926	18	0	8	9
389	Mathews, Laurance Oldham, jr.....	Georgia.....	July 27, 1926	18	1	8	9
284	Mauro, Charles Thomas, jr.....	Illinois.....	June 22, 1926	19	7	6	26
219	May, Leo George.....	New York.....	July 9, 1926	17	0	8	9
b221	Maynard, Robert Horace.....	Delaware.....	June 28, 1926	17	7	8	9
312	Mayo, Raymond Leon.....	Texas.....	June 18, 1926	19	7	8	9
107	McClain, Warren Howard.....	Georgia.....	June 23, 1926	17	3	8	9
141	McCombs, Charles Edward.....	Ohio.....	do.....	17	4	8	9
237	McCready, George Thomas, jr.....	New York.....	July 12, 1926	18	7	8	9
269	McCullough, Montgomery Lientz, jr.....	Missouri.....	June 16, 1926	18	7	8	9
367	McGlathery, Richard Davis.....	Pennsylvania.....	June 24, 1926	19	7	8	9
150	McGregor, Louis Darby, jr.....	Georgia.....	June 16, 1926	19	4	8	9
MC83	McKean, William Baggaley.....	Utah.....	June 28, 1926	17	8	8	9
72	McKnight, John Rowland, jr.....	Oklahoma.....	June 15, 1926	18	1	8	9
319	McLeod, Bowen Falls.....	Mississippi.....	June 16, 1926	18	5	8	9
215	McMillian, Ira Ellis.....	Texas.....	June 21, 1926	17	11	8	9
b295	McPeake, Richard Hayes.....	Massachusetts.....	June 15, 1926	17	3	8	9
400	McPherson, Kenneth Seton.....	Washington.....	June 21, 1926	19	5	8	9
166	Miller, Albert Stanley.....	New York.....	June 28, 1926	17	3	8	9
144	Miller, Frank Blake.....	Virginia.....	June 21, 1926	19	11	8	9
132	Miller, Theodore Taft.....	Pennsylvania.....	June 21, 1926	17	7	8	9

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
50.72	50.88	30.15	38.99	45.04	17.10	11.64	6.96	60.18	311.66
54.40	55.12	34.60	42.42	47.76	17.20	13.28	7.00	61.20	332.98
51.84	51.60	33.20	41.37	47.60	15.35	12.24	6.94	51.17	311.31
53.76	54.32	33.65	42.14	48.72	16.55	13.96	6.82	56.78	326.70
50.64	49.52	29.40	41.93	47.52	15.15	12.04	7.04	60.18	313.42
56.24	56.08	34.20	47.39	53.76	16.25	12.20	7.32	58.99	342.43
51.68	49.52	32.65	41.02	48.64	14.90	11.28	7.24	55.42	312.35
51.52	53.04	33.25	40.60	48.56	14.75	12.52	7.02	60.35	321.61
46.80	42.16	28.90	38.43	44.16	13.50	10.80	7.04	57.46	289.25
54.48	50.88	31.75	38.71	44.56	14.35	14.36	6.86	60.18	316.13
44.80	45.92	26.40	35.91	41.92	13.40	11.08	6.04	52.19	277.66
49.44	50.80	30.50	40.74	48.72	14.25	11.12	6.68	51.68	303.93
49.04	48.88	31.40	38.15	44.40	13.00	11.20	6.12	48.96	291.15
46.00	43.44	28.10	37.59	41.28	13.45	10.68	6.92	56.78	284.24
47.28	47.60	28.65	37.73	44.80	13.50	11.16	6.22	59.84	296.78
50.96	52.72	30.35	40.74	42.64	16.05	11.88	7.82	54.91	308.07
50.32	50.48	30.85	41.58	45.60	15.20	11.80	7.52	56.61	309.96
50.32	49.20	29.55	40.46	46.64	14.15	11.48	6.46	57.46	307.72
50.80	50.88	29.70	39.27	45.52	14.50	13.04	6.66	52.19	302.56
54.96	55.60	34.25	43.19	48.16	16.30	12.84	7.00	62.73	335.03
52.00	52.08	32.65	42.00	49.36	14.50	13.16	7.28	54.74	317.77
48.40	45.60	29.85	38.43	42.96	13.05	11.52	7.48	50.32	287.61
46.88	46.88	29.15	38.01	42.64	14.25	12.44	7.36	50.49	288.10
49.52	49.28	29.85	40.67	44.56	14.80	13.16	6.86	62.73	311.43
55.84	53.44	32.75	41.51	49.84	15.35	12.72	7.72	57.80	326.97
54.00	51.76	31.15	44.17	48.56	15.55	12.08	7.38	56.27	320.92
48.16	49.92	29.15	39.34	43.84	13.30	11.24	6.66	53.38	294.99
51.04	48.56	28.50	40.18	45.84	14.85	11.60	7.38	54.91	302.86
54.56	52.80	30.75	41.72	48.08	15.65	14.64	6.96	54.91	320.07
52.96	53.92	32.35	42.56	48.64	15.00	12.16	5.98	59.16	322.73
56.88	58.40	36.95	47.32	58.88	15.40	13.20	7.50	56.95	351.48
52.56	53.68	30.80	43.89	48.80	14.30	11.00	7.66	52.36	315.05
56.96	58.40	32.80	46.48	51.52	16.00	12.80	6.98	60.35	342.29
46.16	43.28	26.80	37.45	41.84	13.35	12.20	6.28	54.57	281.93
48.24	49.20	28.25	37.87	44.00	13.80	12.40	6.76	56.78	297.30
54.08	49.84	30.05	40.88	48.40	15.55	13.56	6.70	46.92	305.98
50.80	47.04	28.55	43.26	45.44	14.60	12.16	6.88	57.12	305.85
47.60	47.76	32.00	38.50	42.80	13.65	11.28	6.16	54.91	294.66
54.64	54.08	32.55	43.54	47.52	15.25	12.28	7.32	54.40	321.58
51.84	51.68	33.50	42.00	45.92	14.75	11.68	7.10	57.97	316.44
47.44	51.36	30.65	40.39	46.88	14.65	12.20	6.86	53.55	303.98
48.56	48.24	30.25	40.04	43.76	13.80	11.80	6.94	56.10	299.49
46.64	46.80	27.75	37.52	42.64	14.95	11.72	6.34	52.36	286.72
49.84	53.68	33.60	41.72	51.12	14.25	10.84	6.64	53.38	315.07
53.84	47.60	35.70	41.23	49.84	15.00	12.76	7.40	62.22	325.59
55.36	55.12	32.60	43.40	48.56	15.45	10.96	7.00	59.16	327.61
48.64	48.00	30.65	38.35	44.32	14.90	11.12	6.96	50.66	294.10
49.04	49.44	30.25	38.50	46.72	14.40	14.08	7.94	56.61	306.98
48.56	48.32	28.40	38.20	42.48	13.50	12.28	6.98	57.46	296.27
44.48	44.08	25.65	37.24	42.88	13.75	10.48	6.88	50.49	275.93
51.44	49.76	30.50	41.16	47.12	15.40	12.36	5.76	59.84	313.34
53.36	51.12	30.20	40.74	47.28	15.80	12.36	7.48	57.80	316.14
50.32	52.40	31.85	40.25	47.92	15.15	12.96	7.26	60.01	318.12

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
284	Moffett, William Adger, jr.....	At large (Pres.).....	June 15, 1926	16	3	8	9
MC275	Montgomery, Edward Alexander.....	Georgia.....	do.....	17	10	8	9
69	Moore, Robert Lee, jr.....	Maryland.....	do.....	18	3	8	9
*33	Moore, William Brigham.....	Utah.....	June 28, 1926	16	10	8	9
137	Moreno, John A.....	At large (Pres.).....	June 15, 1926	17	8	8	9
MC84	Moret, Paul.....	Michigan.....	June 23, 1926	19	4	5	18
116	Morton, Dudley Walker.....	Florida.....	do.....	18	11	5	7
341	Mott, Elias Bertram, 2d.....	New Jersey.....	June 16, 1926	17	8	8	9
m*11	Mulit, Lloyd Henry.....	California.....	June 14, 1926	19	3	8	9
m124	Neal, Alvin Willard.....	Arkansas.....	June 18, 1926	18	8	8	9
61	Nelson, William Thackeray.....	Massachusetts.....	June 28, 1926	17	8	6	27
393	Newell, Byron Bruce.....	Georgia.....	June 29, 1926	16	7	8	9
376	Newman, Roscoe Lee.....	do.....	Aug. 14, 1926	20	2	8	9
323	Newsome, James Hillman.....	do.....	June 18, 1926	19	11	8	9
103	Newton, Roy Arthur.....	Texas.....	July 15, 1926	19	0	8	9
304	Nix, Joshua James.....	Tennessee.....	July 2, 1926	18	1	8	9
*30	Nixon, Richard Mueller.....	Ohio.....	June 22, 1926	16	5	8	9
375	Nutting, Kelvin Lightfoot.....	District of Columbia.....	July 15, 1926	19	0	8	9
271	O'Beirne, Emmet.....	Illinois.....	June 22, 1926	18	3	8	9
b39	O'Handley, Joseph Allen Edward.....	New York.....	June 23, 1926	20	2	8	9
333	Olney, Davis Wing.....	Michigan.....	July 6, 1926	18	11	8	9
201	Ostrom, Charles Howard.....	At large (Pres.).....	June 15, 1926	17	7	8	9
380	Over, George Russell.....	Ohio.....	do.....	20	0	8	9
344	Owen, Arthur Edwin.....	Maine.....	June 28, 1926	18	8	8	9
209	Palmer, George Goldston.....	South Carolina.....	do.....	18	5	8	9
252	Patten, Robert Melville.....	Pennsylvania.....	June 22, 1926	19	7	8	9
*17	Perkins, Robert Edward.....	Maryland.....	do.....	19	11	8	9
59	Peterson, Mell Andrew.....	Iowa.....	June 16, 1926	17	9	5	7
b310	Phillips, Walter Blackburn.....	Virginia.....	July 2, 1926	19	5	8	9
98	Pieczentkowski, Herman Arnold.....	Rhode Island.....	June 15, 1926	19	1	5	16
338	Post, William Schuyler, jr.....	California.....	Aug. 14, 1926	18	0	8	9
MC315	Price, Edgar Oliver.....	Maryland.....	June 14, 1926	19	1	9	9
m300	Price, Thomas Davis.....	Minnesota.....	June 15, 1926	18	4	11	3
SC119	Prien, Walter Ferdinand.....	Wisconsin.....	June 21, 1926	19	9	8	9
MC289	Pusel, Nicholas Jacob.....	North Dakota.....	do.....	19	5	7	28
93	Quiggle, Lynne Cline.....	Nebraska.....	do.....	20	1	8	9
74	Randall, Samuel Mentz.....	New Jersey.....	July 6, 1926	16	10	8	9
390	Randolph, Samuel A.....	Utah.....	June 24, 1926	19	7	8	9
366	Reeder, Frederick Martin.....	At large (Pres.).....	June 15, 1926	19	7	8	9
MC163	Reinecke, Frank Mills.....	Kentucky.....	June 16, 1926	19	8	7	1
190	Reinhard, Walter Albert.....	Indiana.....	July 1, 1926	18	4	8	9
178	Renfro, Edward Clark.....	Colorado.....	June 16, 1926	19	3	5	18
167	Rigsbee, Everett Olin, jr.....	Texas.....	July 6, 1926	19	0	7	1
b192	Riva, Victor Emmanuel.....	Pennsylvania.....	June 22, 1926	18	11	8	9
260	Robbins, Josephus Amberg.....	Kentucky.....	June 16, 1926	17	8	8	9
313	Robinson, Frank Laedlein.....	At large (Pres.).....	June 15, 1926	16	5	8	9
377	Robinson, Oakleigh Williams.....	New Hampshire.....	June 16, 1926	18	1	8	9
322	Roby, Allan Barkhurst.....	Kentucky.....	June 30, 1926	18	7	8	9
*28	Rodgers, James William.....	Colorado.....	June 16, 1926	18	8	8	9
187	Rohr, Charles Herman Adolph.....	New York.....	June 21, 1926	18	11	7	1
303	Rosasco, Robert Adrian.....	Florida.....	June 29, 1926	17	10	8	9
89	Ross, Russell Roosevelt.....	California.....	June 25, 1926	20	3	8	9
363	Ruddy, Joseph Aloysius, jr.....	New York.....	July 20, 1926	18	2	8	9

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
48.24	47.52	27.85	38.15	43.20	13.45	11.24	6.62	61.03	297.30
48.72	49.12	29.05	37.87	43.52	14.85	12.68	6.56	56.10	298.47
50.96	54.08	32.25	43.68	49.36	15.70	12.12	7.10	62.73	327.98
55.52	57.52	36.55	45.29	52.00	16.35	13.52	7.34	56.95	341.04
54.24	52.40	33.40	39.83	47.44	14.95	13.76	7.04	54.23	317.29
54.40	49.20	31.30	43.05	48.64	14.70	13.08	6.76	64.43	325.56
51.12	52.00	32.70	43.40	46.48	14.20	12.08	6.90	61.54	320.42
48.40	46.80	28.25	37.52	42.40	14.50	11.84	6.60	54.23	290.54
56.08	56.40	35.85	45.71	54.96	15.70	14.52	7.28	63.24	349.74
55.20	51.68	29.10	41.79	46.40	18.60	12.48	7.44	56.61	319.30
54.56	56.48	35.55	42.77	47.84	15.65	11.32	7.48	57.63	329.28
45.04	45.68	27.95	37.03	41.36	12.55	10.68	7.02	52.02	279.33
47.76	46.96	28.25	37.59	42.80	13.55	11.16	6.64	49.98	284.69
47.68	46.24	28.95	38.43	45.92	13.85	11.32	5.94	55.25	293.58
54.80	52.64	33.25	42.98	47.76	15.30	11.92	7.24	56.61	322.50
48.88	51.52	28.05	38.64	42.88	13.60	10.52	6.84	54.57	295.50
58.24	55.92	34.85	44.03	56.48	16.10	12.64	7.30	55.76	341.32
46.24	43.52	25.85	36.26	41.12	14.35	11.44	6.46	59.50	284.74
47.44	48.40	28.00	38.64	42.72	14.10	10.88	6.24	62.90	299.32
52.88	52.80	35.35	45.08	55.68	15.85	13.56	7.74	58.82	337.76
50.08	45.44	28.45	37.17	43.68	14.35	11.16	7.08	53.89	291.30
49.76	52.40	29.75	39.55	46.32	14.60	11.20	6.86	57.97	308.41
45.12	46.00	26.60	36.12	41.20	13.60	11.16	6.88	57.29	283.97
45.60	44.88	26.25	38.85	44.08	14.20	12.48	6.46	57.29	290.09
49.12	49.92	27.60	40.53	48.48	15.20	12.72	6.86	56.95	307.38
48.72	46.64	28.00	41.23	45.60	14.40	10.72	6.66	60.18	302.15
57.36	57.20	35.05	45.64	52.16	16.95	13.20	7.14	60.69	345.39
51.76	54.40	34.60	43.40	47.60	14.95	11.80	7.18	64.60	330.29
47.52	45.68	27.65	38.36	41.28	14.10	11.28	6.98	61.88	294.73
54.24	52.08	32.50	42.49	49.04	14.40	12.12	6.80	59.33	323.00
51.36	45.12	29.30	37.45	41.20	15.70	12.88	6.60	51.17	290.78
48.40	48.64	29.10	37.59	44.56	13.30	10.88	7.10	54.74	294.31
49.68	47.52	28.90	38.29	44.48	13.40	10.84	6.76	55.93	295.80
53.68	54.88	33.40	40.88	46.40	15.60	11.60	6.72	56.44	319.60
49.12	47.20	27.35	39.55	44.64	13.95	11.84	6.86	56.44	296.95
58.00	53.44	33.29	42.63	49.92	15.75	12.40	6.84	51.68	323.86
54.96	55.60	34.45	42.70	47.84	14.95	13.72	7.08	55.93	327.23
45.68	44.32	26.35	37.38	44.24	13.50	10.96	6.50	52.53	281.46
45.60	44.64	27.60	37.45	42.32	13.75	10.80	6.96	57.97	287.09
51.92	54.08	31.70	38.08	46.00	14.50	13.52	7.54	56.44	313.78
47.60	51.76	30.90	40.46	44.80	14.45	10.56	6.28	62.73	309.54
50.96	50.00	29.60	41.51	47.20	13.70	12.28	7.12	59.33	311.70
51.60	51.36	28.85	41.09	46.96	13.80	12.92	6.90	59.67	313.15
47.68	52.00	30.50	41.16	48.56	14.80	12.68	7.44	54.40	309.22
49.44	49.04	28.95	39.20	42.96	14.45	12.00	7.08	57.80	300.92
48.32	49.36	27.90	37.31	43.20	14.80	13.48	7.50	52.70	294.57
46.40	43.84	26.35	38.43	44.08	13.25	11.68	6.90	53.55	284.48
48.56	48.56	27.05	39.41	43.60	13.15	10.56	6.36	56.44	293.69
54.80	57.20	33.65	46.13	48.80	17.00	13.96	7.56	62.39	341.49
48.64	51.52	29.70	40.32	50.32	15.40	13.52	6.80	53.55	309.77
49.36	48.24	29.20	39.48	44.88	14.00	14.12	7.10	49.13	295.51
51.92	53.84	30.80	42.07	47.84	16.20	13.68	6.96	61.71	325.02
47.36	44.48	30.20	37.87	44.56	14.35	11.80	6.94	49.81	287.37

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
326	Ruff, Lawrence Ernest.....	New York.....	June 29, 1925	20	0	8	9
MC211	Russell, Paul Wesley.....	North Dakota.....	June 14, 1926	19	1	2	8
194	Rutter, Royal Lawrence.....	Idaho.....do.....	.....do.....	18	8	8	9
204	Salisbury, Jack Sumner.....	Washington.....	June 21, 1926	19	1	8	9
MC320	Salmon, Ronald Dean.....	Michigan.....	June 28, 1926	17	3	8	9
258	Sanchez, Henry Gabriel.....	New York.....do.....	.....do.....	18	6	5	15
173	Sanders, Eddie Reuel.....	Illinois.....	June 24, 1926	18	9	7	28
349	Sanders, William Henry, jr.....	California.....	Aug. 14, 1926	19	2	8	9
110	Sands, Eugene Thomas.....	Alabama.....	June 18, 1926	19	4	8	9
137	Sass, Donald Jacob.....	Maryland.....	June 16, 1926	19	4	8	9
127	Scull, Gifford.....	New Jersey.....	Sept. 23, 1926	19	1	8	9
63	Seay, George Cameron.....	Virginia.....	Aug. 12, 1926	18	4	8	9
200	Shaffer, John Jackson, 3d.....	Louisiana.....	June 28, 1926	17	1	8	9
236	Sharp, Raymond Neil.....	Tennessee.....	Aug. 30, 1926	20	5	8	9
6318	Sheeley, William Robert.....	Kentucky.....	June 22, 1926	19	4	8	9
*23	Simons, Manley Hale, jr. ¹	Rhode Island.....	June 14, 1926	17	11	8	9
353	Sisson, John Edgar.....	New York.....	June 21, 1926	19	4	8	9
70	Sloat, Frank Truman.....	Pennsylvania.....do.....	.....do.....	19	2	8	9
337	Smith, Harry.....	Illinois.....	June 18, 1926	17	3	8	9
m229	Smith, Julius Lundie, jr.....	Georgia.....	June 22, 1926	18	11	8	9
266	Smith, Philip Thomas, jr.....	Connecticut.....	June 15, 1926	18	4	8	9
216	Snead, William Overton, jr.....	Virginia.....	July 1, 1926	18	8	8	9
m352	Snyder, Joseph Cantwell.....	Pennsylvania.....	June 18, 1926	19	3	8	9
202	Spencer, Hiram Warner.....	Georgia.....do.....	.....do.....	18	9	8	9
*14	Spofford, Richard Tenney.....	Massachusetts.....	June 16, 1926	18	8	8	9
373	Spring, Arthur Finn.....	New Hampshire.....do.....	.....do.....	17	6	3	25
MC172	Steiner, William Bassett.....	Missouri.....	June 30, 1926	19	1	8	9
114	Stevens, Clyde Benjamin, jr.....	Colorado.....	June 28, 1926	17	9	8	9
184	Stevens, James Edward.....	New Jersey.....	June 16, 1926	19	6	6	3
356	Stevenson, Harry Clinton.....	Ohio.....	June 21, 1926	20	0	6	28
m228	Stewart, William Henry.....	New York.....do.....	.....do.....	19	7	8	9
60	Stich, Francis Stephen.....	Wisconsin.....	July 27, 1926	19	2	7	1
m146	Stretch, David Albert.....	New Jersey.....	July 2, 1926	17	9	8	9
100	Stroh, Robert Joseph.....	New York.....	June 14, 1926	18	7	8	9
230	Strohbehn, Walter William.....	Iowa.....	June 15, 1926	18	5	8	9
*32	Sutherland, Robert Theodore, jr.....	Colorado.....do.....	.....do.....	16	7	8	9
283	Sutton, Robert Dixie.....	New York.....	June 25, 1926	19	5	8	9
121	Swan, Bryan Fred.....	Missouri.....	June 22, 1926	19	1	5	7
198	Tatom, James Fletcher.....	Florida.....	July 13, 1926	18	8	8	9
152	Taylor, Robert Hudson.....	Georgia.....	June 14, 1926	17	9	8	9
206	Thibault, James Lorenzo.....	Arkansas.....	June 18, 1926	19	11	8	9
251	Thomas, William Clyde.....	Pennsylvania.....	June 24, 1926	18	9	8	9
m235	Thompson, Lloyd Cooper.....	Mississippi.....	June 18, 1926	19	1	8	9
277	Thornhill, Thomas James, jr.....	Texas.....	June 15, 1925	20	2	4	15
250	Tisdale, William Graham, jr.....	Michigan.....	June 28, 1926	17	4	8	9
46	Trippensee, Bruce Edward Scofield.....	Ohio.....	June 14, 1926	18	11	8	9
192	Trower, Robert Smith, 3d.....	Virginia.....	June 26, 1926	18	10	8	9
288	Van Metre, Thaddeus Johnson.....	Nevada.....	July 7, 1926	19	2	8	9
311	Verhoye, Harry James.....	New Jersey.....	July 12, 1926	16	8	8	9
171	Vorhees, Mack Edmund.....	Ohio.....	June 21, 1926	20	2	8	9
399	Vosseller, James Oliver.....	Illinois.....	Sept. 3, 1926	19	2	8	9
81	Wadsworth, Alexander Scammel Cameron.....	At large (Pres.).....	June 16, 1926	18	1	8	9

¹ Name changed from Manley Hale Simons, 3rd.

405 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
50.96	48.80	29.60	40.60	43.76	12.55	11.80	7.00	47.77	292.84
52.24	48.72	29.95	39.76	48.16	13.90	11.44	6.84	56.27	307.28
50.08	51.60	33.75	40.11	44.40	15.40	11.16	7.62	55.08	309.20
49.04	51.52	30.30	41.09	46.16	14.50	11.56	7.20	56.78	308.15
46.32	46.96	28.50	38.50	46.56	13.05	10.76	5.82	57.29	293.76
48.40	50.16	28.70	39.06	44.56	14.25	13.16	6.92	56.44	301.65
51.52	51.52	30.75	39.41	43.36	14.25	12.44	7.40	61.71	312.36
46.96	46.08	28.05	36.75	44.08	12.95	12.12	6.56	55.76	289.31
53.92	52.48	31.65	42.28	48.72	15.25	12.44	7.24	57.29	321.27
50.64	50.16	30.05	42.00	46.64	17.15	11.96	7.66	61.03	317.29
52.88	52.08	30.40	40.53	48.00	15.55	13.16	6.84	69.67	319.11
52.16	55.28	34.25	43.82	54.40	14.85	12.40	6.96	54.91	329.03
48.40	47.84	28.45	39.97	44.32	17.20	12.72	7.62	62.05	308.57
49.44	48.32	28.80	43.33	47.12	13.85	10.68	7.28	55.42	304.24
47.76	46.80	28.65	38.29	44.32	14.60	12.20	6.84	54.74	294.20
55.12	54.88	36.00	45.71	54.08	15.65	11.52	7.06	62.39	342.41
46.08	47.68	28.10	40.67	43.92	13.90	11.16	6.08	51.00	288.59
53.28	55.12	33.25	43.40	50.64	16.00	12.58	7.02	56.95	327.94
45.60	46.16	28.30	36.89	42.72	13.05	11.00	6.04	61.03	290.79
51.84	48.08	27.70	36.89	42.72	16.90	12.60	6.44	62.05	305.22
51.04	49.68	29.85	38.78	45.28	14.40	11.44	7.28	52.02	299.77
50.88	48.96	29.55	39.48	43.84	14.10	12.56	6.40	60.69	306.46
49.28	48.48	26.90	38.22	45.20	13.10	12.08	6.04	49.30	288.60
50.64	50.48	29.35	41.02	45.92	15.80	13.40	6.50	55.08	308.19
55.52	56.24	34.95	46.90	54.56	16.85	14.40	7.30	60.18	346.90
45.68	44.88	27.25	38.43	43.04	13.45	11.36	6.34	54.74	285.17
51.52	53.20	30.85	39.20	43.84	13.70	14.08	7.18	58.82	312.39
53.20	52.24	31.45	43.05	50.08	14.70	12.72	7.50	55.76	320.70
52.24	49.44	30.40	40.53	46.64	15.45	11.64	6.98	57.12	310.44
46.00	45.20	29.05	38.15	44.08	13.65	10.64	6.86	54.74	288.37
49.36	48.88	30.40	38.57	43.84	16.50	11.64	7.40	58.82	305.41
54.96	53.92	31.85	42.00	53.84	15.50	12.56	6.44	58.99	330.06
54.00	47.92	29.40	40.39	48.88	16.10	12.92	7.64	58.48	315.73
52.48	52.56	32.70	41.93	49.04	14.65	12.76	6.84	59.84	322.80
52.16	51.92	30.80	38.50	44.72	15.50	11.12	7.28	53.21	305.21
57.04	55.36	36.80	45.08	52.72	15.20	12.20	7.12	59.65	341.17
51.12	47.92	30.00	37.03	43.12	13.55	11.08	6.96	56.61	297.39
50.48	50.56	32.85	41.65	48.56	14.65	12.84	6.54	61.37	319.50
52.32	51.52	29.70	39.41	45.92	14.45	14.12	6.44	55.08	308.96
51.52	48.32	30.30	41.16	46.88	15.25	14.24	7.62	59.67	314.96
51.20	47.12	30.80	38.99	46.72	12.85	13.72	7.14	59.33	307.87
48.80	51.12	29.95	38.78	45.76	13.60	11.36	7.40	55.42	302.19
48.72	48.88	29.00	40.74	44.88	14.70	13.08	7.52	56.78	304.30
48.56	45.76	28.60	38.43	43.76	14.30	11.88	6.38	60.35	298.02
50.16	47.92	27.55	38.92	45.20	15.15	10.64	7.08	59.65	302.27
56.96	53.28	32.55	44.45	50.72	15.80	13.68	6.74	60.69	334.87
47.20	49.28	34.25	38.78	48.08	12.75	10.40	6.94	61.54	309.22
48.40	52.08	32.00	39.34	42.40	14.25	11.00	7.00	50.49	296.96
49.92	45.92	27.20	39.27	43.44	15.75	13.40	7.24	52.53	294.67
50.00	49.84	30.70	40.74	47.68	15.35	11.88	6.94	59.67	312.80
45.44	43.60	27.00	36.19	41.84	14.45	10.60	6.28	50.83	276.23
55.12	51.60	30.75	44.31	48.72	16.60	13.08	7.66	58.14	325.98

Merit roll of the midshipmen of the graduating class (class of 1930),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
339	Wagner, Edwin Otto.....	New York.....	June 18, 1926	20	1	8	9
MC*34	Wagner, Frank Gilbert, jr.....	Washington.....	July 6, 1926	18	0	8	9
248	Wakefield, Ellis Kerr.....	Pennsylvania.....	June 21, 1926	19	11	8	9
56	Walter, Wilfred Aves.....	California.....	June 14, 1926	18	5	8	9
335	Webb, Thomas Sherman.....	Texas.....	June 21, 1926	19	6	8	9
m*25	Weiss, Frederick Adolph, jr.....	Massachusetts.....	June 28, 1926	17	10	7	1
MC223	Weller, Donald McPherrin.....	West Virginia.....	June 21 1926	18	2	8	9
199	Weller, Samuel Paxton, jr.....	Tennessee.....do.....	.....do.....	18	3	8	9
41	Wesanen, William Frank.....	Massachusetts.....	June 14, 1926	19	8	8	9
m197	West, Albert Roswell.....	North Carolina.....	July 1, 1926	16	6	8	9
332	Westhofen, Charles Louis.....	Wisconsin.....	July 26, 1926	18	10	3	26
329	Westropp, Harold Patrick.....	Ohio.....	June 20, 1926	20	2	11	3
87	Wheelchel, David Lee.....	Georgia.....	Aug. 12, 1926	20	0	6	3
272	Whitaker, Joe McAdams.....	Tennessee.....	June 28, 1926	19	2	8	9
*13	White, Oliver Edward.....	Indiana.....	June 16, 1926	17	6	8	9
262	Whitehurst, Edson Hill.....	New York.....	June 21, 1926	18	3	8	9
225	Whitfield, James Dickson, jr.....	Tennessee.....	June 22, 1926	18	8	8	9
361	Wilbourne, William Wilkerson.....	Alabama.....do.....	.....do.....	17	11	8	9
MC224	Wilbur, James Taylor.....	Michigan.....	Aug. 14, 1926	18	9	8	9
MC161	Williams, Francis Hubert.....	Florida.....	June 14, 1926	19	9	8	9
m*7	Williams, Glendon Dean.....	Iowa.....do.....	.....do.....	18	5	8	9
384	Williams, Macpherson Berrien.....	Georgia.....	July 27, 1926	20	1	8	9
217	Wilson, Francis Edmond.....	Missouri.....	June 23, 1926	19	2	8	9
68	Winant, Frank Ingersoll, jr.....	Maryland.....	July 2, 1926	19	7	8	9
325	Wingard, Walter Clement, jr.....	Georgia.....	June 15, 1926	17	6	8	9
109	Wogan, Thomas Lincoln.....	New York.....	June 28, 1926	17	5	8	9
333	Wolverton, Royal Allen.....	Oklahoma.....	Aug. 19, 1926	19	6	8	9
331	Woodard, William Thornton.....	Kansas.....	June 18, 1926	19	4	8	9
336	Woodruff, James Albert, jr.....	Vermont.....	June 23, 1926	17	11	7	15
402	Wright, Thomas Kenneth.....	Alabama.....	June 14, 1926	20	2	8	9
362	Wygant, Henry Sollett, jr.....	Oklahoma.....	Aug. 21, 1926	20	3	8	9
211	Wylie, William Naylor.....	Ohio.....	July 14, 1926	18	9	8	9
MC292	Yeaton, Samuel Sylvester.....	Maine.....do.....	.....do.....	19	2	8	9
185	Young, Joseph Burwell Hawkins.....	Pennsylvania.....	June 21, 1926	17	9	8	9

405 members, for the last year of their academic course—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aero- nautics	Electrical engineer- ing and physics	English	Lan- guages	Hygiene	Aptitude for service	Aggre- gate fourth year
Maximum									
64	64	40	56	64	20	16	8	68	400
48.32	46.24	28.75	36.82	44.48	13.45	11.96	6.18	54.40	290.60
55.68	55.52	35.35	45.99	54.32	14.85	13.52	6.48	58.82	340.53
48.80	49.76	28.00	39.76	44.56	14.70	11.00	6.70	59.16	302.44
56.00	51.92	33.10	44.59	53.44	14.05	11.96	7.48	59.65	332.19
46.08	46.48	27.65	39.55	42.80	13.40	11.24	6.92	56.78	290.90
55.84	57.12	35.15	46.76	52.40	16.15	12.92	7.10	58.82	342.26
50.80	49.52	30.40	41.02	46.00	15.75	11.24	6.80	54.23	305.76
51.76	47.76	29.80	40.11	46.64	14.90	13.24	6.74	57.63	308.58
56.08	55.28	34.75	44.94	53.12	15.15	11.96	7.52	57.80	336.60
49.20	49.84	33.45	39.97	44.96	13.15	10.92	7.54	60.01	309.04
46.48	46.64	29.40	38.64	44.88	13.70	11.96	7.06	52.87	291.63
49.68	47.44	29.90	37.59	47.04	13.35	11.56	6.96	48.45	291.97
53.44	50.40	30.35	42.28	46.80	16.50	14.00	7.18	64.09	325.04
48.96	48.64	28.50	39.13	46.24	16.40	11.04	6.82	53.55	299.28
56.00	56.40	37.20	46.76	56.64	16.10	12.84	7.44	57.63	347.01
49.92	49.20	30.45	38.43	45.04	15.35	11.52	7.28	53.55	300.74
51.44	50.16	29.30	40.25	46.08	14.30	11.20	6.66	56.27	305.66
45.28	44.64	27.75	38.29	42.72	13.85	11.12	7.50	56.44	287.59
49.60	48.32	30.00	40.04	43.04	16.00	11.16	7.36	60.18	305.70
49.76	51.20	29.90	40.25	48.80	16.50	11.00	7.08	59.67	314.16
57.52	58.56	35.70	46.83	54.80	17.90	13.68	7.46	58.14	350.59
46.40	44.88	26.40	36.75	42.00	13.55	11.32	7.12	53.89	282.31
48.00	50.72	32.50	40.74	44.40	15.20	11.48	7.02	56.10	306.16
56.56	54.40	34.05	44.03	49.92	14.95	13.20	7.08	54.06	328.25
49.44	44.56	27.30	38.99	44.72	13.60	11.68	6.98	55.93	293.20
50.72	52.80	33.65	42.77	49.28	16.25	14.04	7.22	54.74	321.47
44.72	46.08	27.50	36.61	41.20	14.20	12.44	7.24	52.53	282.52
48.72	47.44	28.45	36.82	42.88	14.10	10.24	7.16	56.10	291.91
48.24	45.52	27.30	37.03	42.40	14.80	11.12	6.98	57.46	290.85
42.96	43.52	26.70	38.78	41.52	12.85	10.20	6.70	50.66	273.89
45.92	45.20	28.55	37.73	43.52	13.95	10.64	7.52	54.40	287.43
49.84	50.48	29.20	42.00	46.16	14.70	11.04	7.42	56.44	307.28
50.96	47.36	29.95	37.80	43.68	12.85	11.20	7.02	55.93	296.75
51.20	49.52	30.35	42.49	46.32	14.50	13.40	7.24	55.25	310.27

Merit roll of the midshipmen of the present first class (class of 1931),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
151	Abbott, Howard Joseph.....	Iowa.....	June 22, 1927	17	1	5	14
372	Adair, Noah, jr.....	Arizona.....	June 15, 1927	18	10	5	14
177	Adams, Wayne Horace.....	Illinois.....	July 2, 1927	19	11	5	14
354	Aldrich, Charles Warren.....	California.....	June 28, 1927	18	10	5	14
375	Allen, Edward Henry.....	North Dakota.....	June 14, 1927	19	3	5	14
241	Allen, Robbins Woodhouse.....	Connecticut.....	July 15, 1927	17	10	5	14
80	Almgren, Charles Raymond.....	Illinois.....	June 16, 1927	18	7	5	14
287	Alston, Augustus Howard, jr.....	Georgia.....	do.....	19	10	5	14
109	Anderson, Charles Edison.....	do.....	June 15, 1927	18	8	5	14
138	Anderson, Jay Stephens.....	Montana.....	June 14, 1927	19	1	5	14
*3	Anderson, Richard Kerfoot.....	Kentucky.....	June 15, 1927	17	7	5	14
348	Andrews, Richard Stottko.....	New Mexico.....	June 30, 1927	19	11	5	14
265	Antrim, Richard Nott.....	Indiana.....	June 20, 1927	19	6	4	2
133	Ashworth, Philip Hamilton.....	Massachusetts.....	June 13, 1927	18	9	5	14
*39	Ashworth, Thomas, jr.....	Idaho.....	do.....	18	10	5	14
266	Bailey, Walter Clyde.....	California.....	June 30, 1927	18	4	5	14
142	Barker, Horace Dill.....	New Jersey.....	June 14, 1927	19	8	5	14
175	Barr, Clark Heimark.....	California.....	June 30, 1927	19	7	5	14
322	Bass, Raymond Henry.....	Arkansas.....	June 29, 1927	16	6	5	14
71	Bater, Harold.....	New Jersey.....	June 14, 1927	18	8	5	14
*6	Bauer, Dale Albert.....	Nebraska.....	June 16, 1927	19	9	4	2
348½	Beckmann, Alcorn Gustav.....	Missouri.....	do.....	19	11	5	14
421	Becton, Frederick Julian.....	Arkansas.....	June 15, 1927	19	1	5	14
204	Beebe, Robert Park.....	Utah.....	June 21, 1927	17	7	5	14
235	Bell, Allen Chamberlain.....	North Carolina.....	June 16, 1927	18	8	5	14
295	Bellis, Louis Joseph.....	New York.....	do.....	19	4	5	14
300	Berthold, Kenneth Carmel.....	Massachusetts.....	June 17, 1927	19	3	5	14
*45	Betts, Sherman Wilcox.....	New York.....	June 14, 1927	17	8	5	14
114	Biglow, James Otis.....	Ohio.....	do.....	19	9	5	14
307	Bingham, Edward Meade.....	Virginia.....	June 30, 1927	20	2	5	14
306	Black, Joseph Dean.....	Illinois.....	June 13, 1927	18	5	5	14
153	Black, Orrin Franklin.....	Kentucky.....	June 15, 1927	20	2	4	2
103	Blessman, Edward Martin.....	Wisconsin.....	June 21, 1927	19	6	5	14
*36	Booth, Charles Thomas, 2d.....	Massachusetts.....	do.....	17	5	5	14
344	Bowstrom, Robert Milton.....	Michigan.....	July 15, 1927	19	9	4	2
357	Brace, Frederic Richard.....	California.....	Aug. 20, 1926	18	1	5	14
189	Braught, Charles Franklin.....	Pennsylvania.....	June 21, 1927	17	0	5	0
65	Braun, William Baumert.....	New Jersey.....	June 14, 1927	17	10	5	14
124	Brockway, John Hadley.....	Wyoming.....	June 23, 1927	17	0	5	14
213	Bronson, Ward.....	New York.....	Aug. 1, 1927	16	11	5	14
154	Brooks, Charles Ballance, jr.....	Tennessee.....	June 20, 1927	17	2	5	14
53	Brossy, Henry Earl.....	New York.....	June 30, 1927	18	11	5	14
110	Brown, Elliott Mitchell.....	Utah.....	June 14, 1927	19	10	5	14
167	Brown, Nelson Kenyon.....	Pennsylvania.....	July 5, 1927	18	6	5	14
377	Brown, Robert Samuel.....	Arkansas.....	July 11, 1927	19	11	5	14
*22	Brunelli, Austin Roger.....	New Mexico.....	June 17, 1927	19	10	5	14
390	Brush, Frederick James.....	Pennsylvania.....	July 5, 1927	18	11	5	14
52	Buchholz, Gustavus William, jr.....	North Carolina.....	June 17, 1927	18	11	5	14
243	Burns, Edward Stitt.....	Alabama.....	June 15, 1927	18	10	5	14
264	Burt, Eugene Vosburgh.....	Minnesota.....	June 16, 1927	18	1	5	14
125	Butterfield, Albert William.....	Illinois.....	Aug. 8, 1927	17	8	5	14
303	Byng, John Weston.....	New York.....	Sept. 14, 1927	18	8	3	23
*34	Callaway, Peyton Parks.....	Missouri.....	June 14, 1927	19	5	5	14
144	Carr, Bruce Lewis.....	Ohio.....	June 21, 1927	19	11	5	14

for the third year of their academic course, 454 members, June, 1930

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
20.34	19.62	37.86	41.56	26.37	37.24	13.28	42.60	238.87
18.66	18.06	36.06	38.16	24.12	33.84	12.08	37.56	218.54
19.80	19.02	34.86	39.88	28.53	36.56	14.92	43.08	236.65
19.20	17.28	35.40	38.18	24.57	36.36	12.80	37.68	221.47
17.40	18.00	32.04	39.58	23.49	35.32	10.24	42.24	218.31
20.16	18.90	38.82	42.20	23.85	39.04	11.52	37.08	231.57
19.98	20.70	38.34	44.96	29.88	38.88	12.24	42.84	247.82
19.08	19.26	37.50	39.64	23.49	34.80	10.56	42.96	227.29
19.44	19.62	38.46	43.28	30.51	40.72	12.40	39.48	243.91
19.38	19.08	37.92	42.14	29.79	37.40	12.16	42.24	240.11
22.26	21.30	42.54	49.96	30.78	43.56	14.52	41.76	266.68
18.24	18.96	33.36	38.08	26.64	33.08	11.24	42.96	222.56
18.00	18.66	36.06	41.92	25.65	36.80	11.84	40.44	229.37
21.24	19.50	37.86	44.18	25.74	39.52	11.12	41.52	240.68
21.54	20.82	41.34	46.64	28.62	42.40	12.88	41.88	256.12
19.08	19.02	33.18	42.00	27.72	35.80	12.60	39.60	229.00
19.56	20.34	36.96	44.88	25.65	38.52	12.08	41.64	239.63
18.42	19.26	35.88	43.50	27.36	38.16	11.68	42.48	236.74
18.54	16.98	35.04	40.66	26.64	37.16	10.72	38.64	224.38
21.60	20.76	39.84	44.06	30.60	39.28	12.68	40.20	249.02
20.88	21.60	41.58	48.18	32.94	42.64	13.44	42.96	264.22
18.24	18.96	32.28	39.28	26.01	35.28	10.88	41.52	222.45
16.86	16.26	33.12	36.96	23.94	31.80	11.80	40.68	211.42
19.68	19.56	40.44	41.94	25.56	36.52	10.80	39.96	234.46
19.44	19.14	35.88	42.82	26.82	38.60	10.84	38.76	232.30
18.18	17.76	37.32	40.02	25.38	35.12	11.64	40.92	226.34
18.00	16.26	40.62	36.88	23.49	36.60	13.28	40.92	226.05
22.32	20.82	42.30	46.40	29.61	39.52	13.84	40.56	255.37
18.96	18.66	39.18	42.64	31.77	39.76	11.88	40.20	243.05
19.26	18.42	32.28	43.04	25.20	36.44	10.52	40.44	225.60
19.32	18.54	34.44	41.06	26.01	34.24	10.48	41.52	225.61
18.90	19.08	37.92	42.90	30.33	40.16	12.92	36.24	238.45
22.02	20.28	38.10	46.32	25.83	37.84	14.12	40.80	245.31
21.60	22.26	38.88	48.34	29.34	41.12	14.44	40.20	256.18
17.40	17.34	34.86	37.84	24.48	35.08	12.08	43.56	222.64
19.26	16.32	32.70	37.48	25.38	40.24	10.96	38.76	221.10
18.90	17.88	38.94	39.40	27.45	38.00	10.84	44.16	235.57
21.18	20.58	39.90	45.22	29.07	41.00	13.80	39.48	250.23
20.46	18.36	37.26	41.58	30.78	37.12	13.60	43.08	242.24
18.60	18.90	34.86	41.60	27.63	39.40	11.84	41.04	233.87
19.50	19.26	38.58	42.32	29.34	38.92	11.16	39.36	238.44
21.78	21.84	40.44	48.98	28.53	41.52	11.24	39.48	253.81
21.24	20.22	36.48	43.08	27.27	40.40	11.88	43.32	243.89
20.34	19.14	36.48	42.30	27.72	36.72	13.08	42.00	237.78
18.66	17.16	35.64	37.94	24.75	32.68	12.24	39.12	218.19
19.80	20.70	41.10	45.86	31.77	42.68	13.56	43.08	258.55
17.22	17.10	34.02	38.52	25.56	33.40	10.92	39.84	216.58
21.66	21.18	40.56	45.18	30.87	40.64	12.48	41.40	253.97
19.26	19.74	37.56	41.14	25.83	38.64	11.44	37.44	231.05
17.52	18.66	35.70	40.08	26.37	37.68	11.64	41.88	229.53
21.12	19.50	38.76	43.86	28.26	39.88	11.12	39.72	242.22
18.24	18.66	35.82	39.48	25.38	34.64	11.00	42.60	225.82
22.08	21.00	42.12	46.90	27.63	42.40	13.16	41.16	256.45
20.82	20.52	38.22	43.58	28.35	36.64	12.12	39.36	239.61

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
419	Cashman, John Daniel.....	California.....	June 30, 1927	18	6	5	14
355	Cassedy, Hiram.....	Mississippi.....	June 16, 1927	18	11	5	14
165	Castree, John Fordyce.....	Pennsylvania.....	June 30, 1927	19	8	4	2
221	Chandler, Bryant Ackley.....	New York.....	June 23, 1927	18	8	5	14
63	Chew, John Louis.....	Georgia.....	June 28, 1927	17	9	5	14
190	Child, Harris Petrikin.....	Pennsylvania.....	June 21, 1927	17	6	5	14
342	Clarke, Paul Walker.....	Virginia.....	June 20, 1927	19	1	5	14
*9	Colwell, John Barr.....	Nebraska.....	June 21, 1927	17	7	5	14
262	Cone, James Ingham.....	Florida.....	June 13, 1927	19	0	5	14
196	Cook, Charles Olney, jr.....	Michigan.....	June 17, 1927	16	4	5	14
172	Cook, John Henry, jr.....	At large (Pres.).....	Aug. 4, 1927	19	4	5	14
402	Cook, Lawrence Blanchard.....	New Hampshire.....	June 16, 1927	19	9	5	14
335	Cooke, Eb Smith.....	Mississippi.....	June 21, 1927	18	7	5	14
405	Cooper, Harlan Cyril.....	Indiana.....	July 2, 1927	19	5	5	14
352	Cooper, Robert Ward.....	New York.....	June 20, 1927	18	4	5	14
433	Copeland, Nathan Carroll.....	California.....	June 13, 1927	19	11	5	14
277	Copeman, Thomas Henry.....	Pennsylvania.....	June 20, 1927	20	2	5	14
256	Corliss, Warren George.....	Vermont.....	July 12, 1927	17	1	5	14
r54	Cowell, La Vere.....	North Dakota.....	June 24, 1927	19	8	5	14
312	Cox, Marshall Herbert.....	California.....	June 15, 1927	19	11	5	14
130	Crane, Leo O.....	P. A. 348 (Pres.).....	do.....	19	7	4	16
132	Crane, Richard Henry.....	Connecticut.....	June 14, 1927	19	2	5	14
400½	Crinkley, Francis Duke.....	North Carolina.....	June 30, 1927	19	5	3	2
163	Crommelin, Charles Lawrence.....	Alabama.....	June 21, 1927	18	3	5	14
187	Crowley, John Daniel.....	Massachusetts.....	Aug. 11, 1927	18	11	5	14
284	Crumpacker, John Webber.....	Indiana.....	July 13, 1927	19	0	5	14
84	Cullinan, Ralph Francis, jr.....	New York.....	June 20, 1927	18	3	5	14
160	Cumberledge, Arthur Albert.....	Ohio.....	June 29, 1927	19	1	5	14
98	Cummings, Damon Morris.....	At large (Pres.).....	June 20, 1927	17	5	5	14
60½	Daniels, Arthur Noyes.....	California.....	June 13, 1927	18	8	3	4
118	Daniels, Donald Vickers.....	South Dakota.....	June 14, 1927	18	0	5	14
412	Davis, DeAtley Ingalls.....	Kansas.....	June 15, 1927	18	4	5	14
411	Davis, James Henry.....	Utah.....	June 14, 1927	20	1	5	14
396	Day, Carl Albert.....	Kansas.....	June 23, 1927	19	10	5	14
*8	Day, Edward Maynard.....	Pennsylvania.....	June 14, 1927	17	4	5	14
431	DeMetropolis, George.....	New York.....	June 16, 1927	18	2	5	14
259	Dempsey, James Charles.....	At large (Pres.).....	June 14, 1927	18	9	5	14
254	De Young, Henry George.....	Michigan.....	June 16, 1927	19	11	5	14
245	Dillon, Edward James.....	New York.....	do.....	20	0	5	14
96	Dodson, Lucian Frank.....	Illinois.....	June 13, 1927	18	11	5	14
*36	Dorsett, John Orem Fillmore.....	Indiana.....	June 15, 1927	20	0	5	14
234	Drake, Harrington Max.....	California.....	July 11, 1927	18	2	5	14
294	Dunn, William Archer.....	Mississippi.....	June 21, 1927	20	2	5	14
79	Elden, Ralph Waldo.....	Oregon.....	June 14, 1927	19	11	5	14
60	Ellis, Lee Adrian.....	Wisconsin.....	June 20, 1927	19	9	5	14
212	Ellsworth, Ernest Bradford, jr.....	Connecticut.....	July 12, 1927	17	10	5	14
269	Engel, Edmund Lyford.....	Washington.....	do.....	17	10	5	14
349	Engelhardt, Egon Paul.....	New York.....	June 18, 1926	20	2	8	8
83	Ernest, Ralph Nelson.....	Pennsylvania.....	June 30, 1927	19	4	5	14
268	Evans, Ernest Edwin.....	Oklahoma.....	June 29, 1927	18	11	5	14
78	Fabian, Rudolph Joseph.....	Montana.....	June 21, 1927	19	1	5	14
254	Fahle, Robert Schley.....	Texas.....	do.....	17	11	5	14
178	Farquharson, Robert Burns, jr.....	Vermont.....	June 20, 1927	17	1	5	14
415	Farrington, Elwin Levi.....	California.....	June 28, 1927	19	8	5	14

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
17.58	17.22	32.40	37.04	23.58	31.92	11.56	40.68	211.98
18.66	19.08	31.86	39.98	25.11	33.64	10.88	42.24	221.45
19.20	19.14	36.18	42.18	29.07	39.76	11.12	41.16	237.81
21.06	19.80	35.28	41.30	23.85	36.32	13.00	42.72	233.33
21.90	20.70	38.10	46.56	27.18	41.36	12.24	42.60	250.64
19.08	18.90	38.28	41.18	31.23	37.56	11.04	38.28	235.55
17.70	17.94	37.50	38.78	24.21	35.84	10.40	40.44	222.81
22.14	21.66	43.56	45.20	31.86	43.32	13.52	41.28	262.54
20.40	16.92	36.36	39.84	27.81	36.40	12.04	39.84	229.61
20.52	18.78	35.94	39.34	27.81	37.84	12.36	42.48	235.07
18.18	19.44	38.16	41.88	28.98	40.24	11.48	39.12	237.48
17.34	16.98	32.46	37.56	25.56	31.60	10.96	42.72	215.18
19.68	18.18	33.30	42.66	25.92	34.76	11.08	38.28	223.86
18.30	17.76	32.16	38.50	23.13	34.24	11.16	39.84	215.09
19.68	18.84	32.58	40.58	23.49	33.80	12.20	40.44	221.61
17.28	16.14	32.10	36.64	23.76	31.64	11.36	38.52	207.44
19.26	19.08	35.10	42.82	24.84	36.04	11.68	39.60	228.42
19.92	19.26	36.18	41.60	24.21	38.88	12.04	38.04	230.13
22.02	22.74	37.26	49.86	30.78	40.64	12.40	38.04	253.74
20.22	16.74	35.28	37.48	25.83	35.36	15.16	39.00	225.07
20.64	19.62	38.46	41.30	28.26	39.36	12.00	41.88	241.52
21.78	20.28	36.54	43.78	27.18	36.04	14.12	41.40	241.12
18.18	17.28	33.12	39.16	25.56	34.24	11.32	36.60	215.46
20.04	19.44	36.12	43.14	26.46	39.00	11.60	42.12	237.92
20.70	19.50	36.84	42.06	26.01	39.00	11.92	39.60	235.63
20.10	20.04	34.26	43.42	23.76	35.36	11.24	39.48	227.66
22.14	21.00	37.86	45.82	25.29	37.64	15.20	42.12	247.07
20.76	19.62	38.58	43.72	26.10	39.04	10.96	39.48	238.26
22.50	22.02	36.54	45.12	25.11	38.88	14.28	41.64	246.09
20.70	20.82	38.28	46.50	27.99	41.20	13.52	42.12	251.13
21.12	20.04	38.04	43.44	27.72	39.44	11.00	42.00	242.80
18.54	16.62	32.04	37.70	24.57	32.60	12.96	38.64	213.67
17.58	17.28	32.22	38.80	22.77	33.60	10.52	41.16	213.93
18.24	19.24	33.00	38.86	23.04	32.96	10.96	39.84	216.14
22.02	21.72	40.86	49.96	32.58	43.88	13.68	38.04	262.74
17.40	16.38	33.12	36.98	23.94	31.40	10.60	39.72	209.54
20.16	19.32	34.62	41.16	23.85	35.32	11.96	43.44	229.83
19.32	19.68	33.96	42.46	26.73	35.68	11.44	41.04	230.31
20.70	20.70	34.44	43.24	24.75	35.16	12.92	39.00	230.91
21.42	20.76	36.54	46.78	28.44	39.04	12.64	40.68	246.30
19.68	20.34	42.66	44.08	32.22	43.32	12.12	41.76	256.18
21.66	19.26	36.06	43.10	25.47	36.32	12.28	38.16	232.31
18.60	18.18	35.40	42.32	26.19	36.04	10.72	39.12	226.57
21.48	20.16	38.46	45.14	28.53	41.44	12.48	40.80	248.49
20.58	19.38	40.56	44.98	29.79	41.08	13.08	42.24	251.69
20.10	19.86	36.36	43.94	23.94	37.48	11.76	40.68	234.12
18.84	18.06	35.82	39.68	26.46	36.20	12.24	41.52	228.82
19.74	18.30	36.60	37.98	25.38	34.92	11.08	38.40	222.40
21.24	20.40	38.82	44.12	27.81	39.00	14.08	41.64	247.11
19.50	18.78	35.70	40.08	26.01	36.16	12.56	40.08	228.87
20.40	20.16	39.30	44.44	28.89	37.32	14.24	43.80	248.55
18.36	18.48	35.64	44.12	24.57	37.12	12.92	39.12	230.33
19.68	20.28	34.02	42.52	29.07	36.52	10.60	43.80	236.49
17.52	17.22	32.88	38.36	24.39	33.16	11.08	38.28	212.89

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
326	Fawcett, Isaac.....	Illinois.....	June 29, 1927	18	11	5	14
148	Fellows, John Benjamin, jr.....	Massachusetts.....	June 13, 1927	17	4	5	14
146	Felton, Cleon Henry.....	Indiana.....	July 1, 1927	19	8	5	14
191	Ferguson, Edward Franklin.....	Connecticut.....	June 30, 1927	18	11	5	14
104	Ferrill, Homer Edwin.....	Illinois.....	June 23, 1927	18	9	5	14
182	Fiala, Reid Puryear.....	New York.....	July 19, 1927	18	6	5	14
225	Field, Benjamin Prince, jr.....	do.....	June 15, 1927	19	0	5	14
90	Firth, Maxim William.....	Vermont.....	June 14, 1927	19	0	5	14
81	Fitch, Robert Atwood.....	Nebraska.....	June 21, 1927	19	3	5	14
226	Fitts, William Wilson.....	Georgia.....	June 13, 1927	18	7	5	14
135	Fitzgerald, John Allison.....	California.....	June 30, 1927	19	1	5	11
171	Fitzgerald, William Henry.....	Massachusetts.....	June 16, 1927	17	6	5	14
50	Flaherty, Arthur Ingoldsby.....	do.....	July 20, 1927	17	3	5	14
*24	Flynn, Joseph Edward.....	New York.....	June 14, 1927	19	7	5	14
409	Fojt, Robert Edward.....	Texas.....	June 21, 1926	20	2	6	2
77	Foley, Francis Joseph.....	New York.....	June 16, 1927	17	1	5	14
*42	Foley, Joseph Ferrall.....	Georgia.....	July 15, 1927	18	9	5	14
244	Forbes, Lorenz Quenzer.....	New York.....	June 16, 1927	17	7	5	14
253	Forde, George Stephen John.....	Pennsylvania.....	June 23, 1927	18	10	5	14
180	Forney, Edward Hanna, jr.....	New York.....	June 27, 1927	17	10	5	14
280	Foster, Edward Lee.....	Alabama.....	June 21, 1927	17	5	5	14
122	Francisco, José.....	Philippine Islands.....	Aug. 15, 1927	18	1	5	14
108	Fraser, Archie Donald.....	California.....	July 11, 1927	18	1	5	14
403	Freeman, George Fonville.....	Tennessee.....	June 20, 1927	18	7	5	14
332	Freshour, William McKee.....	Ohio.....	June 23, 1927	17	11	5	14
210	Gaasterland, Clarence LeRoy.....	Minnesota.....	June 16, 1927	18	1	5	14
*26	Gadow, Robert Emmett.....	Rhode Island.....	June 30, 1927	19	5	5	14
*15	Gale, Winsor Colvig.....	Oregon.....	June 16, 1927	19	8	5	14
184	Gallaher, Wilmer Earl.....	Delaware.....	June 30, 1927	20	2	5	14
*35	Games, Edmund Burke.....	Ohio.....	June 29, 1927	18	1	5	14
249	Gannon, John Wendell.....	California.....	July 11, 1927	18	3	4	2
413	Gardiner, Joseph Marshall.....	Kansas.....	June 15, 1927	18	10	5	14
282	Garton, Will Melville, jr.....	At large (Pres.).....	June 27, 1927	17	2	2	21
137	Gaviglio, Peter Massimo.....	California.....	June 25, 1927	19	4	5	14
218	Ghetzler, Benjamin.....	Texas.....	June 30, 1927	19	9	5	14
62	Gibson, Wayne Folk.....	Arkansas.....	June 21, 1927	19	8	5	14
319	Gilbert, Roy Owen, jr.....	Illinois.....	July 12, 1926	19	4	5	14
321	Giles, William Jefferson, jr.....	At large (Pres.).....	June 21, 1927	18	4	5	14
309	Gillespie, Thomas Evan.....	Arkansas.....	June 13, 1927	20	0	5	14
404	Gillette, Ralph Gorton.....	New York.....	June 14, 1927	19	8	5	14
205	Gimber, Harry Meeker Stuart, jr.....	Pennsylvania.....	June 20, 1927	17	7	5	14
318	Gould, Frank Gardner.....	Florida.....	June 15, 1927	19	11	5	14
393	Graham, Donald Stuart.....	Minnesota.....	June 14, 1927	19	3	5	14
228	Grant, James Dorr.....	Ohio.....	July 14, 1927	19	3	5	0
132½	Gray, Albert Downing.....	Pennsylvania.....	June 20, 1927	17	5	3	2
251	Gray, Hugh Douglas.....	Alaska.....	June 14, 1927	19	0	5	14
*29	Gray, Robert Lawrence.....	Alabama.....	June 15, 1927	18	11	5	14
406	Greathouse, John Furman.....	Texas.....	June 20, 1927	19	11	3	2
*23	Greene, George Myron.....	Arizona.....	July 2, 1927	18	4	5	14
58	Greene, Thomas Jethro.....	Iowa.....	June 15, 1927	19	4	5	14
314	Grinstead, Loren.....	Washington.....	July 15, 1927	17	3	5	14
61	Guilbert, Edward Hunt.....	Illinois.....	June 20, 1927	17	9	5	14
101	Gurnette, Byron Lawrence.....	California.....	June 15, 1927	17	11	5	14
115	Hagberg, Oscar Emil.....	West Virginia.....	June 14, 1927	18	6	4	2

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
18.48	18.18	35.94	40.82	24.84	35.80	10.44	39.60	224.10
20.10	18.66	38.28	42.58	26.64	38.16	12.36	42.36	239.14
18.18	18.06	39.60	40.20	27.63	44.04	11.28	40.32	239.31
20.94	18.00	38.64	37.50	30.15	39.68	12.60	37.92	235.43
20.76	20.10	39.24	44.92	29.34	39.80	13.44	37.68	245.28
18.66	18.06	36.72	44.56	29.70	37.96	11.68	38.52	235.86
19.02	19.50	36.06	41.34	26.10	37.20	12.40	41.28	232.90
19.62	19.62	39.30	41.96	30.60	42.84	13.36	39.36	246.66
21.06	20.04	39.60	43.20	30.24	38.84	12.68	42.00	247.66
19.50	18.12	36.18	41.28	25.92	37.12	12.40	42.24	232.76
20.34	18.30	38.22	43.08	27.90	38.24	11.96	42.36	240.40
19.80	17.58	38.04	39.16	29.43	35.88	14.64	42.96	237.49
21.90	20.94	41.88	47.38	26.91	42.00	14.20	39.12	254.33
20.88	20.94	40.62	46.20	30.06	40.36	15.56	43.20	257.82
16.74	17.64	31.98	40.38	23.22	33.76	11.20	39.48	214.40
21.24	20.16	40.02	43.98	28.98	41.72	13.00	39.48	248.58
22.50	22.14	40.08	48.04	27.99	41.40	13.80	39.72	255.67
18.42	18.00	37.68	39.56	28.26	36.00	13.04	39.96	230.92
19.68	17.76	34.56	39.82	25.29	37.40	12.88	42.96	230.35
20.82	20.58	37.26	42.98	27.18	34.68	11.00	41.76	236.26
18.90	18.42	35.58	39.14	25.92	38.88	11.64	39.60	228.08
20.64	18.84	38.64	41.56	29.70	39.72	15.32	37.92	242.34
20.82	19.56	40.86	44.62	25.38	38.20	11.84	43.08	244.36
18.54	17.40	33.00	39.26	23.76	33.24	10.60	39.36	215.16
18.48	18.12	34.38	39.24	24.21	35.48	11.52	42.48	223.91
19.02	18.06	38.10	42.42	27.27	39.04	11.16	39.12	234.19
21.66	21.48	40.14	46.84	30.42	41.04	14.04	42.00	257.62
21.12	21.36	41.64	46.38	34.11	42.76	12.60	41.40	261.37
20.46	20.76	37.14	42.32	25.20	38.32	11.60	39.96	235.76
21.72	20.88	41.28	47.02	29.88	39.72	13.48	42.36	256.34
19.86	19.14	35.52	41.14	25.47	35.12	11.40	43.08	230.73
17.70	16.08	33.12	38.72	24.03	35.72	10.76	37.44	213.57
19.26	18.60	35.64	42.14	25.65	37.12	11.56	37.80	227.77
20.46	19.92	37.92	44.26	27.45	37.16	12.96	40.08	240.21
19.44	18.30	36.54	43.76	25.92	37.12	12.40	39.96	233.44
21.18	19.86	38.82	46.56	31.05	40.52	12.04	40.92	250.95
18.84	18.66	34.62	41.14	25.92	34.88	11.64	39.60	224.70
20.64	18.42	35.46	39.38	25.74	36.44	13.08	35.40	224.66
17.46	19.20	34.68	41.26	24.57	34.44	10.96	42.72	225.29
18.42	18.60	32.28	39.54	24.03	33.88	11.92	36.48	215.15
20.58	19.68	38.52	41.72	26.82	34.96	12.40	39.72	234.40
18.48	17.10	39.42	37.26	26.91	34.84	10.64	40.08	224.73
18.18	18.48	33.42	39.80	23.94	32.40	11.08	39.00	216.30
18.84	18.78	37.50	40.70	26.64	38.76	11.92	39.48	232.62
18.90	18.90	39.54	42.76	27.45	37.64	12.60	43.32	241.11
18.48	17.94	36.18	40.18	26.64	37.84	11.68	41.52	230.46
21.84	21.90	40.86	48.60	30.51	40.88	12.28	40.44	257.31
18.24	17.76	32.34	39.46	25.20	33.76	11.52	36.60	214.88
21.00	21.30	43.08	46.48	31.50	42.68	12.72	39.12	257.88
20.58	21.54	39.00	47.98	29.43	41.24	12.28	40.56	252.61
19.26	16.92	33.60	39.96	24.48	36.12	14.24	40.44	225.02
19.62	20.40	40.08	45.66	31.23	41.88	12.64	39.60	251.11
20.94	20.22	40.86	43.78	29.61	39.12	12.60	38.52	245.65
19.98	19.98	37.38	43.48	27.45	37.24	13.36	44.16	243.03

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
*46	Hain, Vernon Rex	Ohio	June 15, 1927	19	8	5	14
385	Hale, Henry Henderson	Indiana	do	19	11	5	14
278	Hall, Madison, jr.	Texas	June 21, 1927	16	4	5	14
296½	Hall, Norman	New York	June 15, 1927	17	9	4	11
276	Hamm, Mann	Texas	June 20, 1927	18	0	5	14
301	Hammond, Douglas Thompson	Arkansas	June 21, 1927	18	6	5	14
142½	Harper, John Frank, jr.	Maryland	June 20, 1927	18	3	5	14
*32	Hatton, George Anthony	Illinois	do	19	8	5	14
89	Hawk, Claude Vernon	Utah	July 1, 1927	17	6	5	14
380	Hawkins, Carson	Nevada	June 16, 1927	19	3	5	14
123	Hay, Richard Ross	Massachusetts	do	18	3	5	14
168	Head, Nelson Mead	Virginia	June 29, 1927	18	3	5	14
72	Hellig, Robert Bube	Pennsylvania	Aug. 18, 1927	17	4	5	14
*17	Hibschman, Maurice Wilhelm	Washington	June 20, 1927	19	9	5	14
304	Hill, Andrew Jewel, jr.	Missouri	June 27, 1927	17	8	5	14
227	Hogan, Thomas Wesley, jr.	Georgia	June 13, 1927	18	2	5	14
316	Holcomb, Bankson Taylor, jr.	Delaware	July 2, 1927	19	3	5	14
106	Holden, Harry Worden	Vermont	July 11, 1927	17	7	5	14
283	Hollingsworth, John Christie	Georgia	June 27, 1927	17	10	5	14
49	Hollister, William Wallace	Wisconsin	July 1, 1927	19	8	5	14
97	Holmes, Merrill Sylvester	Pennsylvania	June 23, 1927	18	0	5	14
246	Holtz, Arnold Henry	Wisconsin	June 20, 1927	18	5	5	14
*10	Holtzworth, Ernest Charles	West Virginia	do	19	5	4	6
*28	Hooper, Edwin Bickford	Massachusetts	Aug. 15, 1927	18	6	5	14
216	Howe, Charles Melville, III	P. A. 348 (Pres)	June 21, 1927	17	11	5	14
325	Hoye, Francis Wallace	Massachusetts	July 14, 1927	19	4	5	14
*41	Hudson, Lewis Cheatham, jr.	Mississippi	June 21, 1927	16	11	5	14
195	Hudson, Robert Edgar	Oklahoma	do	16	3	5	14
365	Huff, George Perry	California	July 5, 1927	19	3	5	14
260	Hughes, John Nelson	Iowa	June 21, 1927	17	7	5	14
247	Hughes, William Christopher, jr.	Missouri	June 28, 1927	17	5	5	14
f131	Hunt, Richard Field, jr.	Massachusetts	June 16, 1927	19	0	5	0
108¾	Hunter, Raymond Paul	Texas	June 20, 1927	18	5	3	2
224	Hunter, William Adair, jr.	Pennsylvania	June 16, 1927	18	1	5	14
207	Huntley, John David	Ohio	June 14, 1927	19	6	5	14
274	Irons, Alden Hatheway	Delaware	July 13, 1927	16	11	5	3
279	Iverson, Clifton	Minnesota	July 5, 1927	18	11	5	14
373	Jacobs, Raymond Halford	Michigan	July 6, 1927	16	3	5	14
115	Janz, Clifford Thurston	New Jersey	June 21, 1927	17	4	5	14
285	Jensen, Marvin John	Wisconsin	June 14, 1927	18	11	5	14
223	Jett, Charles Melbourne	Indiana	June 30, 1927	19	10	5	14
194	Johnsen, William Harry	Iowa	June 15, 1927	20	1	5	14
197	Johnson, Harlan Thode	Oklahoma	June 27, 1927	17	2	5	14
397	Johnson, Willis Ormond	Illinois	June 15, 1927	17	8	4	2
398	Jones, Alvin Arthur	Washington	Sept. 19, 1927	20	2	7	3
108½	Jones, Ashton Blair, jr.	Missouri	June 23, 1927	19	6	5	14
202	Jones, Charles Reed	Delaware	June 13, 1927	19	4	5	14
272	Jones, Robert Elmer Crowell	Michigan	June 29, 1927	20	1	5	14
310	Jones, Robert Francis	Minnesota	Aug. 29, 1927	18	9	5	14
419½	Jung, Karl Edward	New York	June 28, 1926	19	11	5	13
353	Just, John Frederick	Pennsylvania	June 23, 1927	16	10	5	14
362	Keithley, Charles Leon	Texas	Aug. 27, 1927	19	0	5	14
57	Keller, Albert James	Michigan	July 1, 1927	20	0	5	14
92	Kelsey, James Hiram, jr.	Massachusetts	July 11, 1927	17	1	5	14

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
21.84	20.70	42.42	45.48	28.08	42.40	12.44	41.76	255.12
18.78	19.56	35.04	40.32	24.57	33.64	10.76	34.32	216.99
18.12	17.70	38.28	39.52	27.09	36.76	11.80	39.12	228.39
18.84	18.12	34.62	41.58	23.94	34.88	11.80	42.48	226.26
19.02	19.68	34.32	40.44	25.47	36.16	11.72	41.64	228.45
19.56	18.12	35.10	39.96	24.39	34.84	11.40	42.60	225.97
19.44	19.62	38.22	43.06	27.81	40.36	12.24	38.88	239.63
20.82	19.38	42.06	45.32	31.05	42.44	14.28	41.76	257.11
20.28	20.34	39.18	43.02	28.53	40.48	12.92	42.00	246.75
18.42	17.64	34.38	38.34	24.75	32.72	10.80	40.80	217.85
18.90	17.46	36.90	43.12	27.18	44.32	12.64	41.76	242.28
19.98	19.80	37.56	41.08	28.89	36.88	12.00	41.52	237.71
20.04	19.92	39.90	43.00	29.97	42.20	12.32	41.64	248.99
21.72	21.06	42.06	46.48	30.06	42.44	12.80	44.16	260.78
19.68	18.36	34.74	40.50	25.11	34.12	11.92	41.28	225.71
20.58	19.68	34.56	40.92	25.83	36.00	11.64	43.44	232.65
18.60	18.42	36.36	39.44	23.49	36.12	11.64	40.80	224.87
20.64	20.16	38.28	44.70	27.63	38.48	14.32	40.32	244.53
20.88	18.90	34.80	40.68	24.03	35.72	11.28	41.40	227.69
20.94	21.42	41.94	47.00	28.26	39.16	13.64	42.00	254.36
21.78	20.58	41.64	42.54	28.35	41.40	13.08	56.84	246.21
19.98	18.00	36.96	41.68	25.38	35.48	12.56	40.80	230.84
21.06	21.24	42.24	47.42	31.68	41.88	13.72	42.96	262.20
21.42	21.12	41.22	47.12	30.51	41.28	13.28	41.52	257.47
18.96	19.68	39.00	41.38	26.28	38.60	11.12	38.52	2 3.54
19.62	18.30	33.66	39.34	25.20	36.72	12.80	38.52	224.16
21.96	21.12	39.36	47.66	30.42	41.88	13.36	40.08	255.84
18.18	18.72	36.96	44.04	27.81	37.68	11.40	40.32	235.11
17.64	17.46	34.86	39.62	26.91	35.96	11.12	36.12	219.69
19.14	17.64	36.84	41.68	25.92	35.32	13.20	40.08	229.82
21.06	18.84	34.86	41.44	23.76	41.48	10.84	38.52	230.80
20.82	18.66	40.14	38.72	33.12	38.40	12.52	38.88	241.26
20.10	20.22	39.84	45.30	25.92	36.88	12.08	43.68	244.02
19.68	19.08	37.32	43.58	25.83	36.64	11.48	39.36	252.97
20.52	18.84	34.38	40.26	28.26	39.52	11.72	40.80	234.30
20.34	18.96	36.36	39.94	27.36	38.88	11.40	35.28	228.52
19.20	18.06	35.16	42.10	25.65	37.40	11.36	39.24	228.17
18.30	16.86	36.00	38.04	25.38	34.52	11.96	37.32	218.38
21.30	21.30	38.34	45.20	27.09	36.72	13.36	39.72	243.03
19.86	18.24	36.12	40.68	26.10	35.76	11.68	39.12	227.56
20.52	19.92	36.12	42.52	26.73	36.40	12.32	38.52	233.05
19.68	19.08	37.20	41.84	28.17	37.20	11.56	40.56	235.29
20.34	19.02	36.48	41.18	26.55	40.00	11.04	40.44	235.05
18.30	17.64	32.58	37.98	24.30	34.64	11.16	39.48	216.08
19.86	18.00	31.80	40.26	22.95	32.32	10.84	39.72	215.75
19.20	20.34	37.38	42.70	31.50	43.24	11.16	38.64	244.16
20.88	17.16	38.76	41.58	27.36	37.24	12.12	39.48	234.58
20.04	20.46	33.24	42.72	23.76	56.01	11.72	40.68	228.66
18.60	17.76	34.32	39.12	24.75	34.92	11.72	44.04	225.23
17.40	17.52	31.74	38.56	23.40	32.04	10.76	40.44	211.86
18.84	17.04	35.28	38.00	25.11	35.40	12.24	39.60	221.51
18.00	18.30	33.66	38.86	26.28	33.56	11.40	40.32	220.38
21.48	20.46	41.94	46.78	29.07	41.60	12.60	39.24	253.17
21.72	19.56	40.92	44.20	28.62	39.60	12.40	39.60	246.62

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
250	Ketchum, Gerald Lyle.....	Washington.....	June 27, 1927	18	7	5	14
130½	Kiehlbauch, Joseph Vaughn.....	South Dakota.....	June 15, 1927	19	0	3	2
423	King, Billy Woodruff.....	Texas.....	Aug. 1, 1927	19	1	5	14
331	King, Robert Donovan.....	Indiana.....	June 16, 1926	18	10	5	14
188	King, Victor Albert.....	Massachusetts.....	June 13, 1927	19	2	5	14
426	Kinzie, Frederick Abraham.....	Kansas.....	June 21, 1927	19	2	5	14
140	Kirkpatrick, Charles Cochran.....	Texas.....	June 30, 1927	20	0	5	14
270	Kirkpatrick, Charles Eugene.....	Utah.....	June 20, 1927	18	5	5	0
263	Kirkpatrick, John Elson.....	Oklahoma.....	June 21, 1927	19	4	5	14
174	Klein, Millard Jefferson.....	Tennessee.....	June 24, 1927	17	11	5	14
*4	Kollock, Frederick Nash, jr.....	New York.....	June 20, 1927	18	5	1	21
51	Kunkle, George Owen.....	Indiana.....	July 1, 1927	17	6	5	14
152	Kurtz, Thomas Richardson, jr.....	At large (Pres.).....	June 13, 1927	17	11	5	14
145	Lamb, Joseph Bentley.....	Mississippi.....	June 16, 1927	18	4	2	21
181	Landon, Richard Henry.....	Illinois.....	June 13, 1927	19	0	5	14
257	Larson, Harold Isidor.....	Minnesota.....	June 30, 1927	19	2	5	14
193	Lawrence, Sidney Jack.....	New York.....	June 14, 1927	18	7	5	3
*12	Lay, James Thomas.....	Missouri.....	.....do.....	18	5	5	14
85	Lefavour, William Robert.....	Massachusetts.....	June 13, 1927	17	7	5	14
198	Leon, Harry Stanley.....	.....do.....	.....do.....	19	6	5	14
299	Leverton, Joseph Wilson, jr.....	Maryland.....	July 5, 1927	18	5	5	14
105	Lewellen, Bafford Edward.....	Minnesota.....	June 23, 1927	17	9	5	0
231	Lief, Sam Albert.....	Missouri.....	June 14, 1927	19	7	5	14
292	Lillis, Burton Cook, jr.....	Montana.....	June 21, 1927	18	1	5	14
107	Lizberg, Carl Alfred.....	Oregon.....	June 16, 1927	19	4	5	14
99	Lockwood, Robert Elmore.....	Massachusetts.....	Aug. 23, 1927	19	2	5	14
351	Longton, Ernest William.....	Pennsylvania.....	June 15, 1927	19	1	4	2
220	Lucas, Carlton Charles.....	Indiana.....	.....do.....	19	10	5	14
366	Lyon, Hylan Benton.....	Kentucky.....	June 13, 1927	17	4	5	14
375	Lytle, Eugene Smith, jr.....	Missouri.....	June 21, 1927	18	1	5	14
95	MacDonald, Donald John.....	Pennsylvania.....	June 15, 1927	18	11	5	14
69	MacKenzie, George Kenneth, jr.....	New York.....	July 19, 1927	17	2	5	14
387	Mackert, Robert William.....	Illinois.....	June 29, 1927	19	10	5	14
147	Madden, George Bernard.....	California.....	June 14, 1927	18	4	5	14
315	Maloney, John Laurence.....	New York.....	.....do.....	19	1	5	14
229	Marshall, Elliott Eugene.....	Maine.....	June 13, 1927	19	3	5	14
407	Martin, Marshall Tevis.....	Indiana.....	June 21, 1927	17	9	5	14
373	Massey, Forsyth.....	Kansas.....	June 15, 1927	20	0	5	14
360	Massingill, Russell Lawton.....	Florida.....	June 16, 1927	19	8	5	14
273	Mathews, Jerry Antle, jr.....	Indiana.....	July 5, 1927	17	7	5	14
*18	McAfee, Jesse Stuart.....	Texas.....	June 27, 1927	17	6	5	14
150	McAllister, Frank Chambers, jr.....	Mississippi.....	June 13, 1927	19	7	5	14
371	McCain, John Sidney, jr.....	At large (Pres.).....	June 21, 1927	16	5	5	14
328	McCracken, James Dudley.....	Illinois.....	June 15, 1927	19	10	4	16
356	McCracken, Reginald Rudolph.....	Iowa.....	.....do.....	18	11	5	14
308	McCuddy, William Ross.....	Kentucky.....	.....do.....	18	0	5	14
166	McDonald, Edwin Anderson.....	Oregon.....	June 30, 1927	19	7	5	14
425	McFarlane, Douglas James.....	Wisconsin.....	Sept. 1, 1927	18	11	4	11
391	McKaig, William Vaughn.....	New Jersey.....	June 16, 1927	18	7	5	14
317	McKay, Baxter Morrison.....	Florida.....	June 21, 1927	17	5	5	14
55	McKee, Francis Alvin.....	Ohio.....	June 20, 1927	19	6	5	14
113	McKinney, Charles William.....	Indiana.....	June 13, 1927	18	11	5	14
170	McMahon, Bernard Francis.....	Ohio.....	July 18, 1927	19	11	5	14
311	McManus, George Boles.....	Connecticut.....	Aug. 5, 1927	17	2	5	14

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
19.68	18.78	36.42	40.48	25.92	37.04	11.36	41.04	230.72
20.40	18.54	40.80	41.20	29.97	40.32	12.08	38.26	241.57
17.40	17.34	32.10	37.82	22.86	32.44	11.20	39.72	210.88
20.28	19.62	33.78	40.96	24.57	34.60	11.12	39.00	223.93
18.48	17.94	38.94	38.78	28.62	40.00	13.00	39.84	235.60
17.52	17.16	31.98	37.54	24.48	32.88	10.72	38.40	210.68
20.22	19.14	35.94	45.22	28.80	38.28	11.88	40.56	240.04
19.56	18.12	35.04	41.80	26.91	34.72	11.32	41.28	228.75
18.06	18.90	36.06	40.46	27.09	36.36	11.00	41.64	229.57
19.08	20.70	37.86	42.48	28.89	38.68	11.92	37.44	237.05
21.66	20.82	42.12	47.70	33.48	43.44	13.80	42.12	265.14
21.72	20.70	41.28	43.72	31.05	42.20	12.36	41.04	254.07
20.34	18.90	37.98	43.84	28.62	37.76	12.16	38.88	238.48
20.52	20.16	39.84	42.36	26.46	39.48	12.12	38.52	239.46
20.52	18.90	34.44	42.36	29.34	36.76	12.24	41.40	235.96
19.56	18.78	34.20	41.98	25.02	37.32	11.88	42.24	230.08
19.68	19.02	36.84	44.06	25.47	37.84	12.80	39.60	235.31
21.84	21.30	43.92	46.02	31.14	44.24	13.08	40.56	262.10
21.72	19.74	38.52	44.84	27.90	40.12	14.16	39.96	246.96
19.32	18.66	36.24	41.46	26.46	40.16	12.04	40.68	235.02
20.46	18.60	33.84	38.40	25.38	34.60	11.84	42.96	226.08
21.06	20.70	38.94	44.66	27.27	39.24	13.60	39.12	244.59
18.84	19.44	38.94	41.06	25.65	36.56	11.20	40.80	232.49
19.32	18.90	34.32	42.00	25.11	35.60	11.52	39.96	226.73
21.24	20.40	38.64	42.58	28.89	40.36	14.00	38.40	244.51
22.56	19.74	40.80	41.88	28.17	40.52	13.48	38.76	245.91
17.10	17.94	35.88	38.86	24.93	34.64	11.76	40.68	221.79
19.68	18.60	36.66	41.64	26.37	35.92	11.16	43.32	233.35
18.12	17.52	33.96	39.02	24.75	35.04	10.88	40.20	219.49
18.18	17.76	33.24	38.46	24.03	34.20	10.92	41.52	218.31
21.60	20.82	39.00	45.66	26.82	38.68	12.72	41.04	246.34
21.78	20.40	40.74	47.12	25.92	38.00	13.00	42.36	249.32
18.54	16.38	34.14	37.44	25.20	33.92	11.48	39.72	216.82
22.32	20.52	36.84	44.90	26.91	38.80	12.40	36.48	239.17
19.50	18.54	35.40	39.60	26.37	34.60	11.68	39.24	224.93
22.02	19.56	36.12	40.96	25.92	36.20	12.56	39.24	232.58
17.52	17.70	33.84	37.98	23.67	32.84	11.00	40.32	214.87
18.36	18.12	36.12	39.42	23.04	33.44	11.36	38.52	218.38
17.46	17.04	36.36	38.44	24.66	37.00	10.76	38.88	220.60
19.02	18.60	36.60	40.24	27.45	36.64	12.44	37.56	228.55
22.02	20.64	41.16	46.72	31.77	42.56	15.12	40.32	260.31
19.86	20.28	38.34	41.02	27.45	38.04	12.52	41.40	238.91
19.26	19.62	34.62	40.28	24.39	33.76	10.64	36.00	218.57
19.08	19.08	34.68	39.80	24.39	35.60	11.80	39.60	224.03
18.42	17.82	34.86	39.00	25.65	33.56	10.92	41.04	221.27
18.60	17.34	35.64	39.58	27.99	35.80	11.12	39.48	225.55
20.10	20.22	37.08	42.96	27.00	38.28	12.08	40.08	237.80
17.16	15.90	31.50	38.92	23.94	33.68	10.72	38.88	210.70
17.88	17.82	33.60	38.58	25.83	33.08	11.28	38.40	216.47
20.34	18.60	33.90	39.80	25.56	34.92	12.24	39.48	224.84
21.06	20.88	40.56	45.84	30.51	40.08	13.32	41.28	253.53
21.18	20.10	37.02	45.48	27.45	38.64	12.32	41.16	243.35
21.12	20.10	36.78	42.80	28.98	38.56	11.44	37.80	237.58
18.12	18.06	36.00	39.62	26.10	38.24	11.36	37.68	225.18

MERIT ROLL OF THE PRESENT FIRST CLASS

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of admission	Age at date of admis- sion		Sea service in prac- tice ships	
				Years	Months	Months	Days
230	Meola, Vincent James.....	Rhode Island.....	June 20, 1927	18	11	5	14
*44	Merkle, Francis Baldwin.....	Ohio.....	June 15, 1927	19	9	5	14
222	Metsger, Alfred Bowne.....	New Jersey.....	June 23, 1927	16	8	5	14
143	Miles, Lion Tyler.....	Virginia.....	June 15, 1927	17	4	5	14
401	Miller, Justin Albert.....	Montana.....	June 14, 1927	17	8	5	14
82	Miller, Norman Mickey.....	North Carolina.....	June 30, 1927	19	5	4	2
119	Miner, John Odgers.....	Missouri.....	June 14, 1927	16	11	5	14
*31	Moeller, Henry George.....	Nebraska.....	Aug. 8, 1927	19	4	5	14
428	Molumphy, George Garvie.....	Connecticut.....	June 30, 1927	19	4	5	14
293	Moore, John Robert.....	Ohio.....	June 28, 1927	19	7	5	14
173	Moore, Luther Samuel.....	Massachusetts.....	June 17, 1927	19	9	5	14
432	Moring, William Edwin.....	Mississippi.....	June 22, 1926	17	7	5	0
395	Morris, Daniel Small.....	California.....	June 29, 1927	19	10	5	14
434	Morrow, Charles Allison, jr.....	Maryland.....	June 15, 1927	18	0	5	14
164	Morrow, William John, jr.....	Pennsylvania.....	June 14, 1927	18	11	5	14
392	Moses, McDonald.....	At large (Pres.).....	June 16, 1926	16	6	8	8
347	Moss, Clifton Revell.....	Indiana.....	June 16, 1927	19	1	5	14
339	Motes, Jesse Hogan, jr.....	South Carolina.....	June 20, 1927	19	9	5	14
338	Mothersill, Philip Wilder, jr.....	Colorado.....	Sept. 13, 1926	19	3	11	2
368	Mott, Carleton Edgar.....	Connecticut.....	June 15, 1927	19	2	5	14
*21	Moulton, Horace Douglass.....	Kansas.....	June 21, 1927	17	9	5	14
93	Mullins, Henry, jr.....	South Carolina.....	do.....	19	5	5	14
*25	Munford, Stanley.....	New Jersey.....	June 16, 1927	19	5	5	14
369	Murphy, James Albert.....	Texas.....	June 21, 1927	20	3	5	0
333	Myer, John Adeh.....	Kansas.....	do.....	18	10	5	14
386	Myers, Horace.....	Idaho.....	June 15, 1927	19	3	4	16
359	Myhre, Floyd Bertram Thomas.....	Minnesota.....	June 21, 1927	20	2	5	14
*43	Needham, Ray Cannon.....	Utah.....	June 29, 1927	18	10	5	14
384	Nelson, Raymond Henry.....	California.....	July 1, 1927	20	2	5	14
192	Nelson, Samuel Edward.....	Pennsylvania.....	June 18, 1927	18	10	5	14
429	Nelson, Samuel Tyler, jr.....	Montana.....	June 30, 1927	19	3	5	14
408	Nolan, Rathel Linwood, jr.....	Mississippi.....	June 29, 1927	18	9	5	14
424	Norvell, William Clanton.....	Georgia.....	June 30, 1927	19	5	5	14
302	O'Brien, Joseph Emmett.....	Montana.....	June 16, 1927	18	3	5	14
418	O'Connor, Michael Galligan.....	Louisiana.....	June 13, 1927	16	8	5	14
364½	O'Neill, Edward Joseph.....	New York.....	July 15, 1927	19	3	5	14
211	O'Toole, James Michael.....	West Virginia.....	June 20, 1927	19	11	5	14
248	Owens, Seymour Dunlop.....	At large (Pres.).....	June 13, 1927	17	4	5	14
242	Palmer, Charles Keith.....	South Carolina.....	June 21, 1927	17	9	5	14
261	Pancake, Lee Sylvester.....	Montana.....	June 15, 1927	20	2	5	14
252	Parham, John Calhoun, jr.....	At large (Pres.).....	June 13, 1927	19	3	5	9
*13	Parker, Robt t Elmer.....	Pennsylvania.....	June 21, 1927	18	1	5	14
422	Parsons, William King.....	Nevada.....	July 11, 1927	18	1	5	14
360	Payne, Thomas Benjamin.....	Virginia.....	June 20, 1927	18	0	5	14
*20	Payson, Harold, jr.....	At large (Pres.).....	Sept. 19, 1927	18	8	5	14
370	Pearce, Hepburn Alcott.....	Massachusetts.....	June 29, 1927	19	6	5	14
88	Peckham, George Edward.....	Iowa.....	June 17, 1927	18	7	5	14
956	Peery, George Atwood.....	Virginia.....	June 21, 1927	19	11	2	21
300	Peters, Francis Marion, jr.....	West Virginia.....	June 15, 1927	19	5	5	14
127	Peters, James McClellan.....	Louisiana.....	June 13, 1927	16	10	5	14
379	Peterson, Richard Ward.....	Minnesota.....	June 21, 1927	18	6	4	2
363	Phifer, Thomas Carson.....	South Carolina.....	June 20, 1927	18	7	5	14
*40	Pierce, Ransom Ailan.....	Arkansas.....	June 14, 1927	18	4	5	14
323	Porter, Samuel Henry.....	Pennsylvania.....	June 16, 1926	18	4	8	8

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
19.32	18.42	35.46	41.72	25.74	38.12	14.48	39.24	232.50
21.66	21.30	40.56	46.50	29.61	40.32	14.24	41.28	255.47
18.72	18.42	37.80	40.92	30.69	39.84	11.48	35.28	233.15
20.04	18.54	39.54	41.66	27.72	39.20	13.20	39.72	239.62
16.74	16.38	34.62	38.02	25.56	33.64	11.04	39.36	215.36
20.76	19.74	38.94	44.54	30.06	39.20	13.00	40.92	247.16
19.68	20.34	38.46	44.28	29.34	36.40	12.76	41.52	242.78
22.50	20.88	41.22	46.22	28.98	42.28	14.28	40.80	257.16
17.82	16.02	31.56	37.78	23.40	31.88	10.84	40.80	210.10
19.20	17.46	38.46	38.30	25.74	35.12	11.60	40.80	226.68
20.58	19.14	40.02	41.98	24.84	35.88	11.64	43.08	237.16
16.74	16.98	32.88	38.32	22.95	32.52	10.00	37.56	207.95
19.20	16.86	31.68	39.10	25.02	32.72	11.20	40.44	216.22
16.02	15.36	31.32	36.86	23.67	31.48	10.80	36.60	202.11
18.90	18.12	37.68	42.10	27.54	38.76	13.40	41.40	237.90
19.38	18.48	32.64	39.52	22.95	31.64	12.16	39.60	216.37
21.00	17.94	33.24	39.44	24.39	34.80	12.04	39.72	222.57
17.82	18.96	33.00	42.36	24.48	35.64	11.32	39.48	223.06
18.90	17.94	36.24	37.20	26.46	32.92	13.00	40.56	223.22
19.50	18.24	33.12	39.68	25.47	33.80	13.08	36.36	219.25
21.12	20.58	42.18	46.76	29.97	42.20	12.88	43.08	258.77
21.06	20.52	38.16	42.64	30.33	42.00	11.64	40.20	246.55
22.32	21.60	41.22	47.36	29.52	42.68	12.32	40.68	257.70
18.00	16.50	33.00	38.88	24.48	35.48	12.40	40.20	218.94
20.22	18.36	32.94	40.32	24.66	34.88	11.00	41.52	223.90
17.04	15.96	35.22	38.10	26.10	34.00	10.84	39.72	216.98
18.54	18.30	33.78	38.98	24.12	34.12	11.96	41.16	220.96
20.40	20.94	42.00	45.36	30.60	40.96	12.40	42.96	255.62
17.82	17.40	33.12	38.58	25.38	34.76	10.68	39.48	217.22
19.68	18.12	36.66	41.06	27.54	39.96	11.80	40.56	235.38
18.24	16.44	33.60	37.92	24.57	33.44	10.68	35.04	209.93
17.46	17.16	33.78	38.24	24.03	33.88	10.92	39.00	214.47
17.10	16.20	31.62	37.32	23.94	31.88	11.84	40.92	210.82
19.44	19.38	33.72	40.56	25.83	35.60	11.28	40.08	225.89
18.66	17.70	33.72	38.26	24.39	32.44	10.92	36.00	212.09
17.82	17.10	34.92	39.50	26.19	34.68	11.96	37.80	219.97
20.40	18.36	36.30	41.86	27.54	37.96	11.64	40.08	234.14
20.40	18.06	36.06	41.90	26.28	37.28	12.04	38.76	230.78
20.34	19.02	37.14	41.62	24.12	36.44	11.76	40.92	231.36
19.14	17.76	33.00	43.50	26.55	37.68	11.96	40.08	229.67
21.18	20.10	36.30	42.18	24.93	35.28	11.52	38.88	230.37
21.60	21.48	41.64	48.96	32.22	42.20	12.72	41.16	261.98
16.86	16.44	33.12	36.88	23.85	33.28	10.40	40.44	211.27
17.94	16.80	35.52	40.16	25.38	36.04	10.84	37.92	220.60
22.26	19.98	40.86	46.06	30.69	42.40	14.20	43.56	260.01
18.00	17.10	32.40	39.60	23.13	38.88	11.56	38.16	218.83
21.18	20.64	37.98	46.32	29.70	38.72	11.76	40.56	246.86
21.90	20.46	41.16	44.18	30.69	42.60	12.20	40.08	253.27
18.54	17.10	38.70	38.68	25.11	33.64	10.76	39.60	222.13
21.06	19.14	39.12	40.96	29.25	37.60	12.80	41.88	241.81
17.28	17.22	32.94	38.52	25.11	33.52	11.24	42.12	217.95
18.78	17.88	34.44	40.14	23.76	34.16	11.44	39.72	220.32
20.46	20.28	41.82	43.74	32.13	42.64	12.16	42.84	256.07
17.40	17.88	36.72	38.02	26.73	36.00	10.80	40.80	224.35

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
414	Pottinger, William Knowles	Texas	June 20, 1927	18	3	5	14
*14	Powell, George Neff	Pennsylvania	July 29, 1927	18	3	5	14
117	Powell, Peter George, jr.	Kentucky	June 15, 1927	17	8	5	14
*11	Prescott, John Guthrie Foster	California	June 14, 1927	18	5	5	14
159	Putnam, Frank Rowell	Minnesota	June 13, 1927	18	11	5	14
221½	Quilter, Edward Simon	New York	July 11, 1927	17	10	5	14
90	Railsback, Edward Forrest	Kansas	July 9, 1927	19	4	5	14
100	Ramage, Lawson Peterson	Vermont	June 20, 1927	18	5	5	14
126	Raysbrook, Frank George	Pennsylvania	June 15, 1927	18	5	5	14
*5	Reed, Allan Lorentz	Arkansas	June 13, 1927	19	1	5	14
288	Reese, John Spencer	New York	June 29, 1927	18	10	5	14
73	Renken, Henry Algernon	Virginia	June 21, 1927	19	4	5	14
112	Reynolds, James Richard Zinck	Tennessee	July 6, 1927	18	6	5	14
298	Richardson, Alvin Franklin	Mississippi	Sept. 19, 1927	20	5	5	14
399	Ritchie, Clark Alexander	New York	June 14, 1927	19	3	5	14
*½	Rivero, Horacio, jr.	Porto Rico	June 20, 1927	17	1	4	11
*47	Robbins, Berton Aldrich, jr.	Massachusetts	June 22, 1927	18	10	5	14
141	Robertson, Edward Livingston, jr.	New York	July 5, 1927	17	9	5	14
*20½	Roeder, Bernard Franklin	Illinois	June 15, 1927	16	4	5	14
169	Roessler, Anthony Carroll	Ohio	June 21, 1927	18	6	5	14
*7	Rogers, Thomas Woodson	Wisconsin	Aug. 30, 1927	19	3	5	14
*16	Romberg, Albert Kenneth	Iowa	June 15, 1927	19	2	5	14
290	Roscoe, David Livingston, jr.	At large (Pres.)	June 13, 1927	19	9	5	14
*27	Russell, Harold Berton	Michigan	do	19	2	5	14
209	Ryon, William Mendinball	Pennsylvania	June 29, 1927	19	3	5	14
383	Sampson, Robert Roy	Connecticut	June 13, 1927	20	0	5	14
394	Sanns, Nickolas James	New Jersey	June 15, 1927	17	4	5	14
76	Schoeni, Walter Paul	Oregon	June 14, 1927	19	3	4	0
70	Schultz, George Franklin	Indiana	June 15, 1927	19	3	5	14
341	Servner, Frank Herman	Texas	July 1, 1927	18	9	5	14
416	Seidel, Harry Edward, jr.	Maryland	July 5, 1927	17	11	5	14
174½	Sell, Charles Francis	Pennsylvania	June 16, 1927	17	11	5	14
346	Shaffer, Leland Griffith	do	June 21, 1927	18	4	5	14
104½	Sharp, Alfred Elliott, jr.	Maryland	do	18	3	5	14
199	Shields, Ward Thornton	Pennsylvania	June 16, 1927	17	2	5	14
185	Shoemaker, Cassin Thomson	Ohio	June 14, 1927	18	6	4	20
219	Shuey, Clifford Henry	Illinois	June 30, 1927	19	2	5	14
176	Sieglafl, William Bernard	California	June 13, 1927	18	11	5	0
87	Sisko, William John	Michigan	June 21, 1927	19	11	4	2
367	Slater, Stanley John	Massachusetts	June 16, 1927	19	5	5	14
305	Smith, Andrew Jackson	New York	June 30, 1927	19	10	5	14
179	Smith, Curtis Everett	Mississippi	do	19	8	5	14
417	Smith, Julius Elbridge, jr.	Nevada	June 22, 1926	18	6	8	8
201	Smith, James Thomas	Tennessee	June 21, 1927	18	8	5	14
320	Smith, Norman Ernest	Wyoming	June 20, 1927	18	6	5	14
67	Smith, Ronald Kenneth	Iowa	June 22, 1927	18	5	5	14
237	Snow, John Lawrence	Alabama	June 15, 1927	18	1	5	14
155	Soucek, Victor H.	Oklahoma	July 15, 1927	18	10	5	14
389	South, Jerry Curtis, jr.	Arkansas	July 5, 1927	17	7	5	14
358	Stafford, Arthur Edward	Pennsylvania	June 21, 1927	19	4	5	14
74	Stauffer, Jack Bellamy	Colorado	June 20, 1927	18	0	5	14
r236	Steele, Robert Justin	Delaware	June 22, 1927	19	1	2	21
68	Steele, Marcus Goldaine	California	June 30, 1927	17	7	5	14
139	Steere, Richard Clarke	Illinois	June 15, 1927	18	3	5	14

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Navigation	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
18.00	17.46	31.62	36.52	25.20	33.48	11.00	40.08	213.36
22.50	21.18	40.56	48.38	29.70	42.48	13.76	43.32	261.88
20.52	20.34	38.76	43.20	26.55	40.12	11.68	41.64	242.81
22.32	20.70	42.30	47.98	31.32	42.96	14.88	39.72	262.18
19.92	19.20	36.72	42.58	27.54	39.52	11.68	41.16	238.32
19.50	17.40	39.24	39.48	26.46	37.56	14.20	39.36	233.20
21.60	20.34	38.40	43.96	30.96	38.64	11.72	41.04	246.66
21.30	21.24	38.70	44.48	27.63	38.28	12.48	41.76	245.87
19.92	20.28	36.12	42.74	26.73	39.84	12.84	43.56	242.03
22.14	22.50	43.26	48.68	30.24	42.64	14.96	40.44	264.86
18.18	17.28	34.44	38.88	27.90	40.76	11.32	38.52	227.28
21.24	20.58	38.28	46.30	28.89	39.24	12.24	42.12	248.89
20.34	19.86	39.48	42.58	28.08	42.16	11.36	39.72	243.58
19.32	18.54	34.44	40.58	23.58	35.60	11.84	42.24	226.14
16.68	16.14	34.62	37.28	24.21	35.60	11.20	39.84	215.57
22.56	22.26	43.80	49.94	32.67	42.88	16.00	43.08	273.19
22.02	20.94	41.40	45.06	29.88	39.16	13.80	42.84	255.10
20.76	19.20	38.34	42.86	27.36	37.72	14.84	38.76	239.84
21.96	21.30	43.20	45.50	32.04	42.68	13.08	39.24	259.00
20.64	19.20	38.64	41.42	26.55	38.76	11.76	40.68	237.65
21.36	21.24	42.96	44.96	34.56	43.16	12.24	42.36	262.84
21.72	21.06	42.90	46.64	31.23	42.64	12.44	42.36	260.99
20.52	19.44	33.66	42.34	24.39	34.44	11.68	40.44	226.91
21.00	21.12	42.18	45.46	30.96	41.60	13.72	41.52	257.56
19.44	19.56	35.82	41.30	28.89	36.60	11.80	40.80	234.21
19.02	16.86	34.02	38.34	24.48	34.16	11.24	39.12	217.24
18.12	18.72	32.34	38.50	24.12	35.04	11.04	38.40	216.28
21.72	19.14	41.22	44.56	26.64	39.04	12.40	43.92	248.64
19.68	20.52	40.14	41.24	31.59	39.80	13.48	42.84	249.29
18.30	17.64	32.94	39.98	26.64	33.88	13.64	39.84	222.86
17.58	17.22	33.42	38.80	24.39	32.88	12.28	36.00	212.57
20.34	19.14	37.38	44.68	24.57	38.32	13.76	38.76	236.95
19.62	18.48	34.26	39.32	24.75	34.56	11.04	40.56	222.59
19.92	19.98	37.56	41.16	29.07	41.44	12.36	43.32	244.81
19.44	18.90	35.82	39.98	27.54	38.56	13.00	41.64	234.88
18.96	18.12	38.82	41.24	27.99	39.80	11.68	39.12	235.73
20.22	19.56	35.28	41.98	26.73	35.96	12.64	41.04	233.41
19.38	19.20	36.36	43.44	27.09	37.56	11.04	42.60	236.67
21.00	21.30	39.00	47.52	28.26	36.56	12.92	40.32	246.88
18.30	18.18	35.04	40.58	24.12	35.00	11.60	36.48	219.30
19.26	18.00	34.98	39.04	25.74	35.40	11.76	41.52	225.70
19.38	19.86	36.06	42.84	30.78	36.92	11.32	39.24	236.40
17.76	16.62	32.16	37.88	24.39	33.36	11.20	39.00	212.37
20.70	19.62	36.96	42.72	24.75	37.68	12.48	39.72	234.63
18.30	18.66	31.68	43.06	24.84	37.76	11.08	39.24	224.62
21.72	20.70	39.30	43.60	29.97	38.84	12.28	43.32	249.73
19.38	19.56	34.92	44.48	25.65	37.04	12.28	38.76	232.07
21.72	20.16	34.98	41.04	27.99	38.08	12.52	41.88	238.37
17.94	18.36	35.22	38.10	23.31	33.56	11.60	38.64	216.73
17.22	16.80	35.76	38.88	26.64	36.52	11.04	38.16	221.02
20.82	20.34	38.70	45.88	28.71	39.40	14.00	40.80	248.65
19.02	17.76	38.22	39.68	27.63	37.12	11.92	40.92	232.27
20.58	19.20	39.48	45.64	28.98	40.72	13.84	41.28	249.72
20.76	18.54	35.88	41.26	28.98	38.96	14.08	41.64	240.10

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
94½	Steffanides, Edward Frank, jr.....	Wisconsin.....	June 22, 1927	19	0	3	2
238	Steinke, Frederic Samuel.....	Illinois.....	June 30, 1927	19	11	4	0
378	Stewart, Andrew Pat.....	Georgia.....	June 15, 1927	17	3	5	10
280½	Stewart, Walter Jones.....	New Jersey.....	June 30, 1927	19	7	5	14
w	Stieler, Roland Emil.....	Texas.....	June 20, 1927	20	3	2	21
94	Stone, George Roben.....	Michigan.....	July 14, 1927	17	8	5	14
291	Straub, Charles Teddy.....	Colorado.....	June 15, 1927	19	5	5	14
239	Stromback, Philip Christian.....	Pennsylvania.....	June 20, 1927	17	6	5	14
229½	Stuart, Daniel Alfriend.....	Virginia.....	Aug. 8, 1927	19	11	5	14
329	Swain, Joseph Blount.....	North Carolina.....	June 21, 1927	17	7	5	14
149	Swisher, Leonzo Nelson.....	Idaho.....	June 30, 1927	19	9	5	14
64	Tatom, Eugene.....	Florida.....	June 28, 1927	18	10	5	14
281	Taxis, Samuel Gibbs.....	Massachusetts.....	July 5, 1927	18	0	5	14
*19	Taylor, Robert Lee.....	Michigan.....	June 16, 1927	16	8	5	14
59	Tenney, Joseph Fosdick.....	Massachusetts.....	Aug. 10, 1927	16	11	5	14
111	Theobald, Robert Alfred, jr.....	California.....	June 13, 1927	16	9	5	14
74	Thomas, Willis Manning.....	do.....	June 17, 1927	19	9	5	14
271	Thompson, Warren Ronald.....	South Dakota.....	July 5, 1927	19	11	5	14
157	Thorn, William Alvah.....	Maryland.....	June 13, 1927	19	10	5	14
232	Thornton, Joseph Thomas, jr.....	New York.....	June 23, 1927	19	1	5	14
410	Todd, Donald Whiley.....	At large (pres.).....	July 31, 1925	18	10	11	2
155	Torgerson, Theodore Adolph.....	Minnesota.....	June 21, 1927	20	1	4	2
430	Toth, Joseph Charles.....	New Jersey.....	June 20, 1927	20	0	4	2
427	Trenholme, Edward Pinder.....	Missouri.....	June 30, 1927	18	10	5	14
334	Tripi, Ignatius Nicholas.....	New York.....	June 15, 1927	19	2	5	14
240	Tucker, Alfred Bland, III.....	Virginia.....	June 23, 1927	17	6	5	14
*2	Tyra, Tom Donald.....	Minnesota.....	June 16, 1927	19	10	4	2
*36	Uehling, Gordon Alexander.....	Wisconsin.....	July 11, 1927	17	11	5	14
128	Van Mater, Schermerhorn.....	Indiana.....	June 21, 1927	18	1	5	14
158	Vaughn, Charles Samuel.....	Kentucky.....	July 14, 1927	19	10	5	14
*1	Veasey, Alexander Craig.....	New Jersey.....	June 13, 1927	18	10	5	14
128	Volk, Louis Frank.....	Indiana.....	June 15, 1927	18	2	5	14
286	Vredenburgh, James Brinckerhoff.....	Virginia.....	June 30, 1927	19	4	5	14
258	Wackwitz, Donald Newman.....	Massachusetts.....	do.....	19	4	5	14
w	Walker, Robert Power.....	California.....	Aug. 30, 1927	19	6	2	21
324	Wallace, Ford Llewellyn.....	Ohio.....	June 30, 1927	19	7	5	14
214	Walpole, Kinloch Chafee.....	Rhode Island.....	do.....	19	7	4	13
267	Warman, Nathaniel Ewing.....	Pennsylvania.....	June 16, 1927	19	10	5	14
*48	Weatherwax, Hazlett Paul.....	Hawaii.....	June 27, 1927	19	8	5	14
*32	Webster, John Alden.....	New York.....	June 14, 1927	18	2	5	14
313	Weiler, James Buchanan.....	Pennsylvania.....	June 16, 1927	18	5	5	14
121	Weir, Frederick Utter.....	Rhode Island.....	June 21, 1927	19	4	5	14
288	Werts, Charles Luther.....	Indiana.....	do.....	19	2	5	14
162	Wheland, Karl Raymond.....	Ohio.....	June 18, 1927	19	9	5	14
345	White, John Alexander.....	Indiana.....	June 21, 1927	18	3	5	14
381	White, Robb, III.....	Georgia.....	do.....	18	0	5	14
326	White, Zebulon Lewis, jr.....	Texas.....	June 14, 1927	18	11	5	14
420	Wickens, Justin Leo.....	Indiana.....	June 14, 1926	19	10	8	8
336	Wier, Henry Robert.....	Massachusetts.....	June 27, 1927	18	11	5	14
296	Wieseman, Frederick Leonard.....	Wisconsin.....	July 2, 1927	19	4	5	0
205	Wilber, Donald Taylor.....	Michigan.....	June 27, 1927	18	0	5	14
185	Wilbur, Robert Milton.....	Missouri.....	June 13, 1927	17	1	5	14
292½	Will, Prentis King.....	New Jersey.....	June 15, 1927	19	7	5	14
102	Williams, George Kirtley.....	Utah.....	do.....	19	4	5	14
217	Williams, Henry, jr.....	Virginia.....	June 13, 1927	17	0	5	14
275	Williams, Jack Bercaw.....	Pennsylvania.....	July 22, 1927	17	1	5	14

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
20.40	19.50	38.82	44.30	29.43	39.44	12.08	42.48	246.45
20.52	18.30	36.00	40.14	25.47	37.36	12.84	41.40	232.03
18.78	18.84	32.52	39.66	23.67	33.12	11.96	39.60	218.15
17.94	17.28	36.06	40.64	27.18	38.00	10.84	40.08	228.02
(a)	18.30	34.26	41.26	26.28	(a)	10.44	39.96	Inc.
20.52	19.68	39.06	44.82	28.89	40.36	13.12	40.08	246.53
17.76	17.94	35.76	41.02	24.21	36.04	11.80	42.24	226.77
19.08	16.98	38.10	39.48	28.44	37.16	12.20	40.56	232.00
21.06	19.44	33.36	44.04	24.03	37.40	11.72	41.52	232.57
20.16	17.58	36.18	38.90	23.04	37.00	10.96	40.20	224.02
20.10	20.16	36.84	45.06	28.44	39.96	11.88	36.48	238.92
21.54	20.46	37.86	47.10	30.60	39.88	12.72	40.32	250.48
20.40	18.84	34.50	39.96	25.38	36.48	11.36	41.04	227.96
21.66	20.52	43.50	46.46	31.05	41.48	13.52	42.00	260.19
21.00	20.69	39.24	46.50	28.71	41.96	12.60	41.04	251.74
20.28	20.16	39.78	44.28	28.98	37.60	11.28	41.40	243.76
20.94	19.92	39.42	45.38	29.07	38.12	12.48	43.32	248.65
21.00	20.64	33.66	41.68	23.58	34.76	12.24	41.16	228.72
20.28	18.66	36.66	43.78	25.20	39.28	11.76	42.72	238.34
19.80	19.62	37.14	41.20	24.57	36.52	12.16	41.40	232.41
18.24	18.84	35.04	38.56	22.68	31.08	10.40	39.24	214.08
19.50	18.66	36.24	40.22	28.71	38.64	12.24	44.16	238.37
18.00	17.82	31.80	37.96	23.49	31.32	11.56	37.80	209.75
17.10	17.34	32.16	38.72	23.58	34.44	10.72	36.60	210.66
18.42	19.08	34.68	40.02	25.11	34.88	13.28	38.40	223.87
19.86	18.90	37.38	40.24	27.18	36.24	11.76	40.08	231.64
22.44	22.86	41.82	51.34	33.75	43.96	13.32	41.40	270.89
21.78	21.78	42.00	46.74	29.16	42.32	12.32	40.08	256.18
20.58	19.20	41.70	41.62	28.53	39.00	12.28	38.76	241.67
19.98	18.78	39.18	41.76	26.55	39.60	11.44	41.04	238.33
22.50	21.54	42.36	51.22	32.67	44.16	13.60	43.92	271.97
19.86	19.68	37.50	42.88	29.43	41.00	11.60	39.72	241.67
18.84	18.66	33.60	41.28	26.73	34.60	11.44	42.36	227.51
19.20	19.50	35.10	41.82	26.37	37.76	11.56	38.76	230.07
(a)	(a)	(a)	(a)	23.58	(a)	(a)	42.72	Inc.
18.90	17.70	33.90	40.88	25.02	35.36	11.76	40.68	224.20
20.46	20.28	36.06	43.22	25.02	37.68	12.08	38.88	233.68
19.62	18.36	34.74	41.94	25.65	36.68	10.68	41.28	228.95
20.88	21.42	39.30	48.54	29.79	41.44	12.96	40.68	255.01
22.14	21.12	41.22	45.70	29.25	41.08	13.88	42.72	257.11
19.02	18.72	34.14	40.10	25.29	34.60	12.48	40.68	225.03
21.00	20.10	36.72	45.10	26.91	40.36	11.36	40.92	242.47
18.66	19.62	35.28	42.10	26.10	35.16	11.72	38.64	227.28
20.64	18.54	38.94	40.50	28.35	38.64	11.04	41.40	238.05
19.26	17.52	37.38	38.46	23.49	35.04	12.24	39.24	222.63
17.40	18.54	33.54	38.36	25.83	34.52	11.08	38.52	217.79
18.72	17.82	36.12	39.02	26.10	35.76	10.72	39.84	224.10
16.86	17.22	32.40	37.54	23.49	33.52	10.88	39.72	211.63
19.80	17.94	34.08	39.66	24.57	37.56	12.44	37.56	223.61
19.02	16.98	35.64	39.18	27.72	35.36	10.64	41.76	226.30
20.34	20.58	37.44	43.08	25.56	36.84	11.56	39.00	234.40
20.04	18.54	38.28	41.42	28.53	38.64	11.88	38.40	235.73
18.36	18.00	35.52	40.52	25.65	34.52	12.00	42.12	226.69
21.36	21.00	37.50	44.10	30.24	40.80	11.00	39.60	245.60
20.52	19.02	35.76	41.62	26.64	36.68	11.64	41.64	233.52
20.64	19.98	34.86	42.62	24.21	36.64	12.12	37.44	228.51

Merit roll of the midshipmen of the present first class (class of 1931), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
136	Williams, Lowell Windfield.....	Indiana.....	June 13, 1927	19	9	5	14
161	Williams, Russell Champion.....	Virginia.....	June 20, 1927	18	4	4	2
382	Williamson, Francis Thomas.....	Rhode Island.....	June 29, 1927	20	2	5	14
200	Wilson, Albert H, jr.....	Idaho.....	June 15, 1927	19	1	5	14
233	Wilson, Arthur LeLong.....	New Jersey.....	July 5, 1927	18	3	5	14
208	Wilson, George Speakman.....	Pennsylvania.....do.....		16	9	5	14
297	Wirtz, Peyton Louis.....	Maryland.....	June 18, 1926	19	5	8	8
66	Wood, James Marshall.....	Virginia.....	June 14, 1927	19	8	5	14
330	Wood, Lester Orin.....	Washington.....	June 20, 1927	17	5	5	14
343	Woodaman, Ronald Joseph.....	Massachusetts.....	June 29, 1927	19	10	4	29
400	Woods, William Power.....	South Carolina.....	July 6, 1927	18	3	5	14
134	Wright, Douglas Gordon, jr.....	New Mexico.....	June 17, 1927	19	8	5	14
*30	Wright, Edward Alvey.....	Virginia.....	July 5, 1927	18	6	5	14
340	Wright, Frederick Williston, jr.....	New Jersey.....	Aug. 8, 1927	20	1	5	14
203	Wright, Sinclair Best.....	Oregon.....	June 15, 1927	18	8	5	14
388	Wright, Walter Raymond.....	Ohio.....	Aug. 11, 1927	19	8	5	14
86	Wulff, John Thayer.....	Illinois.....	June 20, 1927	18	10	5	14
364	Yancey, Evan White.....	Kentucky.....	June 16, 1927	19	10	5	14
183	Young, Andrew Lee, jr.....	District of Columbia.....	June 15, 1927	19	5	5	14
337	Zuntag, Alexander Andrew.....	New York.....	June 21, 1926	19	10	8	8

third year of their academic course, 454 members, June, 1930—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Mathe- matics	Electrical engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate third year
Maximum								
24	24	48	56	36	48	16	48	300
18.72	20.22	39.54	42.92	28.44	37.64	12.36	40.44	240.28
20.52	18.90	37.68	40.18	27.36	38.32	11.80	43.32	238.08
17.94	17.82	32.82	39.18	23.85	34.04	10.84	41.04	217.53
21.42	20.10	35.34	42.94	25.92	36.96	11.80	40.20	234.68
19.32	18.36	39.30	41.00	25.11	36.28	13.64	39.36	232.37
20.28	19.02	38.34	42.38	25.47	38.60	13.20	36.96	234.25
19.98	18.84	34.56	41.52	24.39	34.16	11.36	41.40	226.21
20.10	20.52	39.84	45.44	28.17	40.68	13.20	42.12	250.07
18.36	17.88	36.12	39.58	24.57	36.76	11.96	38.76	223.99
18.42	18.30	35.16	41.94	24.66	34.52	11.04	38.76	222.80
18.24	17.64	33.96	38.88	23.22	32.84	11.12	39.60	215.50
20.58	19.62	38.34	42.60	27.27	40.88	11.76	39.36	240.41
21.78	20.94	41.70	45.76	31.14	41.12	12.76	42.00	257.20
19.14	17.82	36.12	40.70	24.39	35.80	12.96	36.12	223.05
20.52	20.22	34.86	42.04	25.56	37.48	12.40	41.40	234.48
18.12	17.70	33.18	38.76	24.03	33.44	10.84	40.68	216.75
20.88	20.70	39.00	45.28	27.63	40.56	11.72	41.16	246.93
16.98	16.50	35.46	38.88	26.10	35.92	11.04	39.24	220.12
19.38	18.12	36.18	42.66	28.62	37.24	11.48	42.12	235.80
19.08	19.38	34.86	40.82	24.39	34.68	11.64	38.52	223.37

MERIT ROLL OF THE PRESENT SECOND CLASS

Merit roll of the midshipmen of the present second class (class of 1932),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
62	Abrahamson, Ernest Percival.....	Maine.....	June 14, 1928	19	4
125	Acker, Frank Clements.....	New Jersey.....	Aug. 2, 1928	18	1
199	Adams, Allen Bond, jr.....	West Virginia.....	July 6, 1928	18	4
456	Adams, Richard Donald.....	Pennsylvania.....	July 5, 1928	19	1
185	Allen, Henry Irwin, jr.....	Indiana.....	July 16, 1928	17	9
301	Andrew, John Douglas.....	California.....	June 15, 1928	17	8
63	Archer, Stephen Morris.....	Ohio.....	June 19, 1928	16	11
369	Arthur, Lionel Alexander.....	New York.....	Sept. 27, 1928	18	10
257	Asman, Edwin Charles.....	Ohio.....	June 19, 1928	18	11
115	Asmuth, Walter, jr.....	Wisconsin.....	July 16, 1928	17	6
149	Atkins, Barry Kennedy.....	At large (Pres.).....	June 14, 1928	16	10
367	Bailey, Benjamin Franklin.....	Connecticut.....	June 15, 1928	18	10
106	Bailey, Burl Leonidas.....	Michigan.....	July 10, 1928	18	0
#442	Bailey, Claude Fenn.....	Mississippi.....	Aug. 31, 1928	17	9
32	Bailey, George Winston.....	Utah.....	July 16, 1928	19	9
*19	Baker, Harold Edward.....	Washington.....	do.....	19	5
352	Baker, Robert Louis.....	Kentucky.....	Sept. 1, 1928	19	5
397	Baldrige, Harry Alexander, jr.....	New York.....	June 23, 1928	16	10
165	Bandy, Jack Irving.....	Arizona.....	June 15, 1928	17	3
224	Beardslee, George Roscoe.....	Michigan.....	June 14, 1928	19	3
153	Beer, Robert Oakley.....	Nebraska.....	do.....	18	2
0	Beers, Colwell Edward.....	Missouri.....	July 7, 1928	19	6
443	Bell, Francis Smith.....	Michigan.....	June 18, 1928	20	0
292	Bellinger, George Leinberger.....	New York.....	June 28, 1928	18	1
51	Best, Richard Halsey.....	New Jersey.....	June 14, 1928	18	3
229	Bigauette, Frank Joseph.....	Minnesota.....	July 6, 1928	19	11
236	Bigler, James Campbell.....	Ohio.....	July 9, 1928	18	4
368	Billingsley, Ed Baxter.....	Arkansas.....	July 16, 1928	18	1
401	Binns, Jack Alvey.....	California.....	July 2, 1928	19	6
410	Bisson, Robert Omer.....	Illinois.....	July 6, 1928	19	10
158	Blair, Richard Hutchings.....	Virginia.....	June 29, 1928	18	0
137	Blaisdell, Norman Earl.....	Massachusetts.....	June 22, 1928	19	6
31	Bond, Frederick William, jr.....	New York.....	June 28, 1928	20	0
399	Born, Howard Eugene.....	Wisconsin.....	July 6, 1928	18	3
*17	Bowers, Thomas Kent.....	Maryland.....	June 29, 1928	17	5
261	Bowser, Alpha Lyons, jr.....	Pennsylvania.....	July 16, 1928	17	11
230	Brannon, Horace Rupert.....	Alabama.....	June 14, 1928	19	9
218	Brewer, Cyrus.....	Massachusetts.....	July 17, 1928	18	3
324	Brindupke, Charles Frederic.....	California.....	June 22, 1928	19	9
260	Bronson, Frederick Schaffer.....	Connecticut.....	do.....	19	8
72	Brown, Lawrence Shepard.....	New York.....	July 9, 1928	16	8
43	Brown, Sheldon Willis.....	Pennsylvania.....	July 7, 1928	17	11
37	Brown, William Wheeler.....	Tennessee.....	June 19, 1928	17	11
26	Brumby, Frank Hardeman, jr.....	Georgia.....	June 21, 1928	17	6
*16	Bryan, Louis Allen.....	Kentucky.....	June 14, 1928	19	8
96	Bull, William Izard.....	North Carolina.....	July 6, 1928	17	0
253	Bunce, Peris Graves.....	New York.....	July 10, 1928	17	3
213	Burdick, Dunbar Graves.....	Oregon.....	July 16, 1928	18	8
f323	Burgin, Miller Strange.....	Texas.....	June 21, 1927	17	6
355	Burrowes, Edward Elgin.....	Kansas.....	June 29, 1928	18	7
311	Bush, Horace Peters, jr.....	Pennsylvania.....	July 16, 1928	19	6
23	Caley, Arthur Douglas.....	New York.....	June 28, 1928	20	0
168	Campbell, Herbert John.....	Oregon.....	Aug. 1, 1928	18	10
413	Cann, Philip Winslow.....	Maine.....	July 9, 1928	20	1
311	Caperton, Harry Overton.....	Mississippi.....	July 6, 1928	18	0

for the second year of their academic course, 464 members, June, 1930

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	25.96	43.26	22.08	25.20	20.16	25.20	161.86
2	24	23.64	40.88	21.93	23.56	21.60	24.01	155.62
2	24	23.56	39.90	20.83	24.76	18.99	22.47	150.51
2	24	21.84	35.00	17.94	19.64	15.48	22.05	131.95
2	24	23.80	37.94	20.32	24.44	21.63	22.96	151.09
2	24	22.24	37.80	21.54	24.60	18.84	20.37	145.39
2	24	24.16	45.15	22.32	27.32	18.84	23.94	161.73
5	15	23.48	38.36	19.82	22.92	16.32	21.07	141.97
2	24	23.36	38.43	19.64	23.28	18.33	24.22	147.26
2	24	23.56	45.50	22.38	22.84	18.99	23.38	156.65
2	24	24.60	41.93	20.61	24.24	18.36	23.94	153.68
2	24	21.64	37.87	19.89	22.72	17.13	22.89	142.14
2	24	24.92	41.02	23.04	23.96	19.74	24.57	157.25
2	24	22.32	35.07	17.93	21.44	15.75	23.59	136.10
2	24	25.40	44.66	23.46	26.68	22.26	24.15	166.61
2	24	28.52	45.85	25.20	26.12	20.01	25.20	170.90
2	24	23.96	38.29	19.34	21.00	16.23	24.01	142.83
2	24	21.44	35.14	18.43	23.12	16.80	25.27	140.20
2	24	25.52	38.99	21.28	25.48	17.46	23.45	152.18
2	24	22.64	39.69	20.83	25.16	17.07	23.87	149.26
2	24	24.92	40.67	21.83	25.68	16.32	23.87	153.29
2	24	20.48	(a)	(a)	20.24	16.17	22.96	Inc.
2	24	20.32	34.86	18.62	21.76	16.98	24.92	137.46
2	24	22.64	37.38	19.16	23.00	20.37	23.24	145.79
2	24	25.24	43.75	22.77	25.60	21.54	24.08	162.98
1	23	23.40	42.28	21.01	24.36	17.07	21.00	149.12
2	24	24.00	41.79	21.83	22.64	16.14	22.19	148.59
2	24	22.08	35.70	19.32	24.92	16.65	23.45	142.12
1	8	20.80	36.96	18.68	21.44	17.91	24.08	139.87
2	24	23.36	35.77	19.27	21.00	17.10	22.82	139.32
2	24	24.44	40.46	21.54	24.84	18.24	23.24	152.76
2	24	24.64	41.02	19.86	25.76	19.29	23.87	154.44
2	24	26.52	46.62	24.27	24.28	22.05	22.96	166.70
2	24	22.36	37.24	19.22	21.28	16.35	23.66	140.11
2	24	27.84	46.97	24.71	24.80	21.54	25.27	171.13
2	24	23.32	37.24	19.72	23.80	18.81	24.15	147.04
2	24	24.36	38.29	20.23	23.36	18.93	23.80	148.97
2	24	22.56	38.78	21.12	24.04	21.00	22.05	149.55
2	24	24.40	36.96	19.21	23.64	16.50	23.45	144.16
2	24	24.12	38.78	18.89	25.20	16.41	23.73	147.13
2	24	24.72	40.81	21.74	26.04	22.20	24.99	160.50
2	24	26.28	47.04	24.28	25.20	18.51	23.80	165.11
2	24	26.08	46.97	24.43	24.44	21.15	23.17	166.24
2	24	24.36	45.08	23.23	28.00	21.87	25.48	168.02
2	9	27.40	48.86	24.30	25.24	20.19	25.83	171.82
2	24	24.72	41.58	20.77	26.64	19.98	24.08	157.77
2	24	24.08	40.18	20.11	22.64	17.43	23.10	147.54
1	23	24.76	39.83	20.17	23.08	17.04	24.85	149.73
5	15	22.56	36.54	18.89	24.44	17.67	24.15	144.25
2	24	24.40	36.61	18.92	22.28	16.23	24.15	142.59
2	24	23.44	37.52	19.51	23.24	16.20	24.85	144.76
2	24	26.44	47.81	23.43	24.16	21.39	25.69	168.92
2	24	23.36	41.37	22.73	23.88	17.16	23.59	152.09
2	24	23.04	35.56	19.02	22.24	17.25	21.98	139.09
2	24	22.16	39.27	20.28	22.08	16.68	24.29	144.76

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
145	Carpenter, Truman Ernest.....	Vermont.....	July 16, 1928	19	1
113	Carroll, Daniel Lynn, jr.....	Minnesota.....	July 9, 1928	18	4
327	Carroll, George Nicholas.....	Massachusetts.....	June 21, 1928	20	0
289	Catlett, William Jackson, jr.....	Mississippi.....	June 28, 1928	19	2
359	Chambers, Thomas Edward.....	Tennessee.....	July 17, 1928	19	7
446	Chase, Edgar Griffith.....	Kansas.....	June 29, 1928	17	10
372	Chase, Irwin, jr.....	New Jersey.....	July 16, 1928	16	8
237	Chittenden, John Lester.....	New York.....	June 15, 1928	17	5
316	Clement, James Markland.....	New Hampshire.....	Aug. 31, 1928	19	5
272	Close, Burdette Eugene.....	New York.....	July 16, 1928	18	3
194	Cobb, Clarence Ocumpaugh.....	do.....	June 15, 1928	18	9
424	Coleman, Earl Stanley.....	California.....	June 29, 1928	18	2
29	Coleman, Herbert McClellan.....	West Virginia.....	June 21, 1928	16	8
70	Coleman, Walter Dan.....	Illinois.....	June 18, 1928	18	3
441	Collett, James Dahlman.....	Nebraska.....	June 16, 1927	18	1
239	Colley, Thomas Jack.....	New York.....	June 19, 1928	19	5
296	Connaway, Fred.....	Arkansas.....	July 9, 1928	17	6
141	Cook, Harry Standish.....	Colorado.....	June 14, 1928	19	5
258	Coombs, Robert Ernest, jr.....	Vermont.....	June 15, 1928	19	7
146	Cope, Alfred Lovell.....	Georgia.....do.....	do.....	18	6
51½	Corry, John.....	Rhode Island.....	Aug. 2, 1928	18	2
300	Corson, George.....	New York.....	June 28, 1928	18	7
195	Counihan, John Lawrence, jr.....	Connecticut.....	June 21, 1928	18	5
206	Cox, William Ruffin.....	North Carolina.....	June 19, 1928	17	2
387	Coxe, Alexander Bacon, jr.....	Missouri.....	July 30, 1928	18	5
134	Craig, James Gray, jr.....	Tennessee.....	July 9, 1928	19	5
119	Craighill, Richard Starr.....	Virginia.....	Aug. 10, 1928	18	11
189	Crowley, Dennis Stafford.....	do.....	June 21, 1928	20	1
128	Dale, Roland Harper.....	Connecticut.....do.....	do.....	18	4
242	Davis, Joseph Burton.....	Ohio.....do.....	do.....	18	9
303	De Long, Henry Clay.....	Maine.....	Aug. 25, 1928	17	10
154	Denig, Robert Livingston, jr.....	Ohio.....	June 18, 1928	18	7
231	Dennett, Mark Edwin.....	Arizona.....	June 15, 1928	19	9
290	De Witt, John Carroll, jr.....	Georgia.....	July 9, 1928	18	5
458	de Zayas, Hector.....	California.....	Aug. 16, 1928	17	11
302	Dial, Nathaniel Minter.....	South Carolina.....	July 18, 1928	17	4
402	Dibrell, Aquilla Gibbs, jr.....	At large (Pres.).....	June 18, 1928	18	3
93	Dickinson, Albert William.....	do.....	June 14, 1928	16	7
52	Dimitrijevic, William Joseph.....	Ohio.....	June 27, 1928	19	0
340	Dobbs, William Adams.....	Mississippi.....	July 2, 1928	19	4
240	Domenech, Juan Paul.....	Porto Rico.....	July 9, 1928	19	5
1451	Donaldson, Francis, jr.....	Pennsylvania.....	Sept. 1, 1928	20	1
95	Douglass, Francis Malcolm.....	Arizona.....	July 6, 1928	20	2
164	Dreany, Harry Hayes.....	Kansas.....	June 29, 1928	19	3
73	Dropp, Anthony Henry.....	Wisconsin.....	June 15, 1928	18	5
140	Eastwold, Earl Russell.....	Minnesota.....	Aug. 31, 1928	19	9
377	Elliott, Lynn Thomas.....	Kansas.....	June 18, 1928	19	5
320	Emrick, Paul Edgar.....	Pennsylvania.....	July 9, 1928	18	3
375	Enright, William Keith.....	California.....	June 29, 1928	19	5
21	Ernst, Sidney Alfred.....	Michigan.....	July 10, 1928	20	2
22	Evans, Robert Lloyd.....	Washington.....	June 15, 1928	20	0
411	Everett, Charles Henry, jr.....	Texas.....	June 19, 1928	19	3
223	Everett, John Leak, jr.....	North Carolina.....	July 6, 1928	17	4
333	Fahy, John Southworth.....	Rhode Island.....	Aug. 23, 1928	18	8

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aero- nautics	Mathe- matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
1	23	26.04	40.39	22.64	23.24	18.15	23.59	154.05
2	24	23.44	42.42	21.65	26.68	18.90	23.73	156.82
2	24	21.80	36.89	18.30	24.68	20.04	22.40	144.11
2	24	23.20	39.34	20.53	23.72	15.96	23.17	145.92
0	00	23.68	38.43	19.25	21.16	16.98	22.96	142.46
2	24	21.68	35.84	18.24	22.36	15.72	21.91	135.75
2	24	23.28	36.75	19.51	22.40	19.23	20.51	141.68
2	24	24.92	38.99	20.34	23.64	17.37	23.31	148.57
2	24	21.88	38.36	18.79	23.28	19.62	22.61	144.54
2	24	24.24	38.85	19.59	23.44	18.21	22.40	146.73
2	24	24.32	40.67	20.15	23.76	18.30	23.52	150.72
0	00	21.44	36.54	19.52	21.68	15.84	23.10	138.12
2	24	27.84	47.46	24.08	26.28	18.06	23.31	167.03
2	9	27.80	42.35	23.57	24.76	18.72	23.66	160.86
2	21	20.44	35.84	18.34	22.28	16.68	22.54	136.12
2	24	24.24	38.22	19.76	25.20	18.36	22.54	148.32
2	24	22.88	38.78	18.96	21.92	18.96	24.08	145.58
2	24	22.88	39.76	20.22	24.12	22.29	25.06	154.33
2	24	23.80	38.71	20.51	23.68	16.26	24.22	147.18
2	24	26.28	40.95	21.53	23.44	17.79	24.01	154.00
2	24	24.80	43.12	21.73	26.04	22.38	24.78	162.85
2	24	21.56	38.01	19.83	24.28	18.09	23.73	145.50
2	24	23.12	39.27	22.45	25.16	18.33	22.33	150.66
2	9	22.56	37.03	20.50	24.44	20.37	25.34	150.24
2	24	23.96	37.66	19.10	22.08	15.69	22.40	140.89
2	24	26.04	44.31	20.98	22.28	17.85	23.31	154.77
2	24	23.96	45.71	21.27	23.40	19.11	22.75	156.20
2	24	22.20	39.20	19.21	24.60	21.12	24.71	151.04
2	24	24.72	41.23	21.73	26.04	18.42	23.31	155.45
2	9	21.92	36.96	19.39	23.92	19.68	26.18	148.05
1	23	25.04	36.96	20.17	22.20	19.26	21.63	145.26
2	24	25.64	41.37	23.38	24.52	16.77	21.42	153.10
2	24	25.88	41.16	20.18	21.64	16.56	23.38	148.80
2	24	22.12	39.20	19.26	22.60	19.77	22.96	145.91
2	24	21.64	35.49	18.57	20.40	15.78	18.76	130.64
2	24	22.56	37.31	19.47	24.04	17.61	24.36	145.35
2	9	21.72	36.82	18.88	22.64	16.14	23.59	139.79
2	24	23.24	44.52	22.14	24.76	19.98	23.31	157.95
2	24	25.12	43.05	22.83	28.12	20.46	23.24	162.82
2	24	24.16	39.55	19.58	22.72	15.90	21.35	143.26
2	24	21.56	38.15	19.01	25.32	21.69	22.54	148.27
2	24	20.56	34.72	20.21	23.08	16.98	19.53	135.08
2	24	23.92	39.20	22.32	25.60	22.23	24.57	157.84
2	24	26.04	41.65	21.07	24.00	15.96	23.66	152.38
2	24	24.76	44.38	21.72	24.12	21.48	23.87	160.33
2	24	25.32	44.17	21.33	24.60	15.69	23.24	154.35
2	24	22.52	35.70	18.51	23.00	16.83	24.85	141.41
2	24	23.00	36.47	20.04	24.60	16.77	23.52	144.40
2	24	22.84	36.75	19.05	24.04	16.92	21.98	141.58
2	24	26.32	44.87	24.15	26.84	22.80	24.78	169.76
2	24	27.48	47.11	23.82	26.32	20.43	24.50	169.66
2	24	21.84	37.31	18.64	23.04	16.17	22.26	139.26
2	24	24.20	41.16	20.89	24.04	16.83	22.19	149.31
2	24	22.64	36.54	19.43	25.92	15.51	23.59	143.63

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
308	Fairbanks, John Francis, jr.....	Massachusetts.....	June 28, 1928	19	11
444	Faires, Carl Franklin, jr.....	Georgia.....	Aug. 31, 1928	18	8
216	Fang, Owen Elkins.....	New York.....	June 21, 1928	19	1
201	Fawcett, Marion Arthur.....	Indiana.....	June 29, 1928	20	3
*5	Fawkes, Emerson Evans.....	Iowa.....	June 25, 1928	17	0
209	Feldscher, Willard.....	Wyoming.....	July 23, 1928	18	0
78	Fink, George Rickards.....	New Jersey.....	June 18, 1928	17	3
276	Finney, Earl Peck, jr.....	At large (Pres.).....	June 14, 1928	18	0
81	Fleck, Thomas Martin.....	Ohio.....	June 15, 1928	19	1
331	Flenniken, James Alexander.....	New York.....	July 6, 1928	17	11
102	Foley, Francis Drake.....	do.....	July 7, 1928	18	0
136	Ford, Joel Clarence, jr.....	Alabama.....	June 14, 1928	17	4
50	Frakes, Dale Roderick.....	Minnesota.....	June 29, 1928	19	6
94	Francis, Harry Grover.....	New York.....	Aug. 27, 1928	16	6
26	Franklin, William Richard.....	do.....	June 17, 1927	19	10
*14	Frazer, Charles Leonard.....	Iowa.....	June 22, 1928	17	3
294	Freund, Bernard William.....	Virginia.....	June 19, 1928	17	11
167	Fulton, Robert Burwell, 2d.....	Mississippi.....	July 6, 1928	17	6
215	Gamble, Robert Lynn.....	Minnesota.....	June 25, 1928	17	11
339	Garrison, Malcolm Everett.....	Iowa.....	July 6, 1928	18	3
152	Gates, Albert Eugene, jr.....	District of Columbia.....	June 30, 1927	18	7
80	Gibson, Scott Kendall.....	Washington.....	June 30, 1928	19	2
109	Gold, Charles Cary.....	Pennsylvania.....	July 16, 1928	17	9
403	Goodgame, Robert Edward, jr.....	Tennessee.....	July 9, 1928	19	2
434	Goodhue, Arthur Archibald.....	Massachusetts.....	June 28, 1928	19	11
319	Goodman, Daniel Crosby.....	Minnesota.....	June 22, 1928	20	1
234	Gorsline, Richard Howard.....	Illinois.....	July 6, 1928	17	0
306	Gothie, Daniel Shinton.....	Pennsylvania.....	July 31, 1928	17	10
34	Gramlich, Frederick Martin.....	New York.....	July 26, 1928	17	3
430	Greene, Richard Oden.....	Oklahoma.....	June 20, 1928	19	3
101	Greenlee, Archibald Wilson.....	Illinois.....	Aug. 31, 1928	17	6
177	Gregory, Richard Victor.....	Virginia.....	June 28, 1928	18	3
183	Grider, John McGavock.....	P. A. 348 (Pres.).....	June 27, 1928	17	7
100	Grouleff, Paul Henry.....	New York.....	June 15, 1928	18	0
203	Gloverman, William Heald, jr.....	West Virginia.....	July 16, 1928	18	8
280	Halsey, LeRoy Bartlett.....	South Carolina.....	June 22, 1928	19	3
295	Hamilton, Mason Jay.....	Indiana.....	Aug. 2, 1928	17	6
74	Hanson, Albert Eugene.....	Wisconsin.....	June 29, 1928	18	10
261	Hardie, Thomas George.....	Iowa.....	do.....	20	1
159	Harral, Brooks Jared.....	New York.....	July 7, 1928	16	11
61	Harrington, Paul Herbert.....	do.....	Aug. 7, 1928	18	0
336	Harwell, Joseph LaPrade.....	Georgia.....	Sept. 4, 1928	19	11
358	Harwood, Richard Drury.....	Tennessee.....	Aug. 11, 1927	17	11
112	Hayes, J Harry.....	New Jersey.....	June 21, 1928	19	11
374	Head, Harvey Hatcher.....	Georgia.....	July 2, 1928	20	1
155	Heinlein, Oscar Allen, jr.....	Missouri.....	June 22, 1928	16	6
160	Hendrick, Hugh Lee, jr.....	Texas.....	June 19, 1928	18	5
275	Hitchcock, Charles.....	New York.....	June 28, 1928	18	7
147	Hobbs, George Orrin.....	Idaho.....	July 17, 1928	20	0
78	Hodge, Ernest Debbes.....	California.....	June 21, 1928	18	8
281	Hodgkins, Edward Ruggles.....	Arizona.....	July 16, 1928	18	1
305	Holloway, Carlton Elbridge.....	Massachusetts.....	June 22, 1928	18	4
376	Holloway, William Ponder.....	Texas.....	June 15, 1928	17	8
431	Holmes, William McClintic.....	Oklahoma.....	June 19, 1928	17	8
317	Holt, Phillip Christian.....	P. A. 348 (Pres.).....	June 21, 1928	18	10

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	22.64	36.54	19.20	23.08	20.31	23.10	144.87
2	24	20.84	35.63	18.36	21.40	18.63	21.14	136.00
2	24	23.56	39.41	19.97	25.72	17.94	23.03	149.63
2	24	24.72	37.66	20.79	24.24	19.71	23.31	150.43
2	24	26.76	52.36	26.18	26.72	22.47	23.73	178.22
2	24	25.84	41.51	21.35	22.40	17.40	21.49	149.99
2	24	24.40	44.66	22.05	24.92	19.59	23.94	159.56
2	24	22.60	38.22	19.74	23.68	17.19	25.06	146.49
2	24	23.96	43.05	21.58	25.96	20.01	24.85	159.41
2	24	22.76	36.89	19.66	23.60	18.72	22.12	143.75
2	24	24.44	38.43	21.44	27.12	20.82	25.20	157.45
2	24	25.72	40.18	20.95	25.32	18.18	24.15	154.50
2	24	24.36	46.69	23.96	25.92	17.88	24.22	163.03
2	24	23.96	44.52	23.55	23.96	19.26	22.61	157.86
2	24	25.80	47.74	24.01	26.92	19.05	24.50	168.02
2	24	25.96	48.02	24.12	26.64	22.11	25.20	172.05
2	24	23.00	38.85	19.64	23.36	17.13	23.66	145.64
1	23	25.44	41.23	21.20	24.88	19.47	24.92	157.14
2	24	22.36	40.25	21.72	24.24	17.37	23.73	149.67
2	24	21.28	35.21	18.58	24.60	18.12	25.48	143.27
5	15	23.48	41.86	20.37	24.80	19.11	23.80	153.42
2	24	24.20	45.36	23.60	24.36	19.14	22.89	159.55
2	24	24.56	41.37	21.83	26.64	19.02	23.66	157.08
2	24	21.44	36.05	18.32	23.88	16.56	23.45	139.70
2	24	20.04	35.49	18.33	22.24	18.18	23.10	137.38
2	24	21.72	36.63	19.36	23.40	18.21	25.06	144.43
2	24	22.60	39.83	19.38	23.96	19.95	22.96	148.68
2	24	23.36	39.20	19.25	22.92	17.91	22.33	144.97
2	24	26.72	46.55	24.30	24.48	20.10	24.36	166.51
2	24	22.72	38.22	19.04	20.92	16.47	20.30	137.67
2	24	24.72	48.86	22.97	22.76	17.55	20.65	157.51
2	24	24.08	40.60	21.35	23.96	17.16	24.29	151.44
2	24	23.88	41.44	21.03	24.04	17.28	23.52	151.19
2	24	25.92	43.40	22.87	25.08	18.24	22.05	157.56
2	24	25.08	42.56	20.44	22.76	16.53	22.96	150.33
2	24	23.32	38.15	20.51	24.56	16.50	23.38	146.42
2	24	21.84	38.85	20.03	24.52	17.55	22.82	145.61
2	24	24.12	44.80	23.67	22.52	21.03	24.03	160.22
2	24	23.44	38.15	19.91	24.28	17.88	23.38	147.04
2	24	24.60	40.46	22.05	25.12	17.64	22.75	152.62
2	24	25.36	45.50	22.58	24.72	19.89	23.87	161.92
2	24	21.80	35.98	18.56	23.88	18.75	24.50	143.47
2	24	21.28	39.41	19.99	21.32	17.73	22.75	142.48
2	24	24.68	44.03	22.71	22.88	20.70	21.91	156.91
2	24	21.28	36.47	18.73	22.76	19.53	22.82	141.59
2	24	25.84	42.42	21.83	23.80	16.71	22.47	153.07
2	24	24.28	41.16	20.79	24.76	18.21	23.31	152.51
2	24	22.60	37.17	21.03	24.44	18.00	23.31	146.55
2	24	24.24	41.65	22.44	23.92	18.12	23.59	153.96
2	24	26.20	44.38	22.28	24.28	19.32	23.10	159.56
2	24	22.12	37.31	19.03	25.76	17.88	24.29	146.39
2	24	21.20	36.96	18.60	23.52	20.73	24.08	145.09
2	24	20.92	36.61	18.67	22.68	18.75	23.94	141.57
2	24	22.52	36.89	18.13	22.00	16.17	21.77	137.48
2	24	24.68	40.53	20.12	20.16	16.05	22.96	144.50

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
325	Hooper, John Hall	New York	Aug. 23, 1928	18	1
386	Hopkins, Thomas Walton	Maryland	Aug. 7, 1928	17	5
25	Horner, John Stuart	Michigan	July 23, 1928	16	11
208	Howe, Frederic Northey	P. A. 348 (Pres.)	July 6, 1928	17	6
124	Howle, Wilbur Graham	South Carolina	July 20, 1928	17	9
268	Hughes, George Ervin	Oklahoma	July 6, 1928	17	4
35	Hull, Harry	Georgia	July 9, 1928	16	6
256	Humes, Ralph Martin	Rhode Island	June 28, 1928	18	4
345	Humiston, Julian Gray	Idaho	June 15, 1928	18	10
28½	Hummer, Harry Cessna	Pennsylvania	June 30, 1926	16	5
279	Humrichouse, James Walker	do	July 6, 1928	17	3
148	Hunter, George Cuthbert	South Dakota	July 9, 1928	17	5
163	Hurley, Thomas Benedict	New York	June 15, 1928	19	8
*20	Hurst, Edwin William	South Dakota	Aug. 2, 1928	17	10
291	Hutchings, Charles Slack	Texas	June 29, 1928	19	5
299	Hutchinson, George Leland	Colorado	July 24, 1928	18	5
108	Hydeman, Earl Twining	Ohio	Sept. 1, 1928	17	2
220	Innis, Walter Deane	Indiana	Aug. 31, 1928	19	6
42	Jaap, Joseph Abraham	Colorado	July 7, 1928	19	6
44	Jacobs, John Francis, jr	New Jersey	July 9, 1928	16	6
388	James, George Shearman, jr	Maryland	June 22, 1928	17	7
445	Janz, Eugene	At large (Pres.)	Aug. 27, 1928	19	4
349	Jewett, Garry William, jr	Washington	June 21, 1928	19	5
329	Johnson, Clifford Arthur	Illinois	July 9, 1928	17	10
378	Johnson, John Henry Stewart	Mississippi	June 18, 1928	19	5
172	Johnson, Ralph Clarence	Illinois	June 29, 1928	17	6
288	Johnson, Stanley Howard	Michigan	July 20, 1928	16	6
33	Jones, John Paul, jr	Oregon	July 16, 1928	19	11
421	Jonson, William Crawford, jr	Kentucky	June 18, 1928	18	5
405	Jukes, Herbert Lollis	Arkansas	June 29, 1928	20	0
277	Kaplan, Albert David	Iowa	June 18, 1928	18	0
233	Kasperek, Clarence Emery	Nebraska	June 21, 1928	18	7
121	Kaufman, John Holladay	At large (Pres.)	June 14, 1928	18	1
409	Keen, Cleo Rafter	Missouri	June 22, 1928	18	7
408	Keene, Charles, jr	District of Columbia	June 21, 1928	19	2
82½	Kehl, George William	Texas	June 28, 1928	19	5
46	Kelly, William Daniel	Pennsylvania	June 19, 1928	17	8
129	Kemper, James Lawson	California	Aug. 29, 1928	19	4
235	Kenna, William Edward	West Virginia	June 29, 1928	17	4
454	Kerr, Frank Ingalls	Louisiana	Aug. 31, 1928	20	0
67	Kerr, Robert Hartley	New York	June 22, 1928	17	11
*7	Keyes, Charles Melville	Colorado	June 21, 1928	18	3
r45	Keyes, Franklin George	New York	July 16, 1928	18	6
427	Keyser, Charles Hampson	Virginia	Sept. 1, 1928	19	7
66	Kinert, David Frederic	Washington	June 29, 1928	18	9
381	King, Otis Bascom	Alabama	June 15, 1927	17	8
56	Kintberger, Leon Samuel	Maryland	Aug. 30, 1928	18	4
116	Kirn, Louis Joseph	Wisconsin	July 6, 1928	20	1
82	Klinksiel, Henry Tilman	Missouri	June 29, 1928	19	5
111	Knock, Daniel Clyde, jr	Kansas	June 22, 1928	18	5
69	Knoertzer, Halford A.	Washington	do	17	4
285	Koivisto, Martin Mathew	Michigan	June 18, 1928	19	1
157	Konrad, Edmond George	Wisconsin	June 21, 1928	19	4
428½	Kretz, Charles Henry, jr	Oklahoma	June 15, 1928	18	4
77	Kuhl, Joseph Howard	Iowa	July 16, 1928	20	3

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aero- nautics	Mathe- matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	23.32	39.20	19.28	23.72	16.44	22.19	144.15
2	24	22.52	37.17	18.79	23.72	16.32	22.40	140.92
2	24	25.68	49.14	23.69	26.40	20.28	23.10	168.29
2	24	24.72	38.85	20.59	22.84	18.24	24.85	150.09
2	24	22.28	42.00	21.50	24.32	21.66	23.94	155.70
2	24	24.28	37.03	18.92	24.68	19.11	22.75	146.77
2	24	24.16	46.55	24.22	24.84	22.41	24.29	166.47
2	24	22.84	37.73	21.01	25.36	17.28	23.10	147.32
2	24	21.52	37.17	18.60	23.68	19.50	22.68	143.15
7	8	26.40	49.91	24.80	24.52	18.87	23.31	167.81
2	24	22.24	38.99	20.22	22.88	18.03	24.08	146.44
2	24	23.40	45.01	21.33	22.36	18.06	23.73	153.89
2	9	23.68	41.30	21.60	22.16	18.03	25.62	152.39
2	24	26.84	47.81	23.86	27.72	20.67	23.94	170.84
2	24	21.00	40.95	20.07	23.36	18.18	22.33	145.89
2	24	23.12	38.71	20.34	21.16	17.82	24.36	145.51
2	24	24.56	40.25	21.80	25.64	20.85	24.01	157.11
2	24	23.28	39.69	19.27	24.68	19.53	23.03	149.48
2	24	26.00	43.54	23.16	26.24	21.42	25.13	165.49
2	24	25.52	47.18	23.87	23.60	22.56	21.49	164.22
2	24	22.16	37.52	20.32	21.68	18.12	21.07	140.87
2	24	22.48	35.98	18.60	20.72	16.38	21.63	135.79
1	23	22.16	38.57	19.37	21.96	17.61	23.45	143.12
2	24	22.28	37.66	18.73	24.00	17.73	23.38	143.78
2	24	21.76	36.82	18.58	22.20	18.30	23.73	141.39
2	24	23.24	41.86	21.06	22.48	19.47	23.52	151.63
2	24	24.28	39.83	20.35	24.76	16.56	20.16	145.94
2	24	26.84	47.25	24.23	25.16	18.60	24.50	166.58
2	24	21.36	35.84	18.21	22.52	17.49	23.10	138.52
2	24	23.00	35.98	18.95	21.04	17.31	23.38	139.66
2	24	22.48	41.02	20.24	23.88	17.64	21.21	146.47
2	24	22.92	39.20	19.89	23.76	18.03	24.92	148.72
2	24	23.96	43.05	22.44	24.96	18.12	23.38	155.91
2	24	22.92	36.54	18.82	22.60	16.35	22.12	139.35
2	24	22.60	36.96	18.93	22.36	15.90	22.68	139.43
2	24	25.52	42.14	21.85	24.84	20.94	23.87	159.15
2	24	25.00	44.17	24.11	25.88	20.13	24.50	163.79
2	24	25.40	40.88	22.26	23.72	19.44	23.73	155.43
2	24	25.56	40.25	22.55	21.44	16.11	22.75	148.66
2	24	21.12	35.63	17.73	21.20	16.17	22.75	134.60
2	24	25.72	44.45	23.22	24.64	18.99	23.87	160.89
2	24	27.68	49.28	25.10	27.32	22.98	24.36	176.72
2	24	23.20	42.84	23.62	27.68	22.14	24.36	163.84
2	24	21.08	36.75	18.87	21.22	17.10	23.03	138.05
2	24	25.40	46.13	23.07	24.96	19.26	22.26	161.08
5	15	23.12	36.75	19.03	22.80	17.16	22.47	141.33
2	24	26.76	49.91	24.24	22.44	17.19	21.91	162.45
2	9	26.56	40.32	21.09	24.08	19.32	25.06	156.43
2	24	24.56	45.57	22.79	25.16	19.77	21.49	159.34
2	24	22.72	42.07	22.24	25.56	21.66	22.82	157.07
2	24	25.40	42.42	23.69	26.16	19.62	23.59	160.88
2	24	24.64	38.92	19.40	22.64	16.89	23.73	146.22
2	9	24.44	42.28	21.38	23.28	17.10	24.36	152.84
2	24	22.24	35.77	18.57	21.52	15.78	23.94	137.82
2	24	25.56	42.35	23.28	26.28	18.60	23.59	159.66

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
455	Labouisse, Samuel Stanhope	Louisiana	Aug. 31, 1928	18	11
373	Lamade, John Dietrick	Pennsylvania	July 7, 1928	18	3
57	Lambert, Richard Holland	Massachusetts	July 6, 1928	18	2
126	Langen, Thomas David Francis	do	June 22, 1928	20	2
178	Lank, Theodore Small	Delaware	July 7, 1928	19	1
424	Lanman, Charles Burrows	Arizona	July 16, 1928	19	3
194 1/2	Lapidus, Earl Alvin	Nebraska	July 31, 1928	18	4
162	Lark, Jacob Aucker	Pennsylvania	July 6, 1928	18	5
204	Latta, Frank De Vere	Iowa	July 23, 1928	19	6
420	Lavery, Richard John	Illinois	July 19, 1928	18	3
123	Leeds, John Raymond	Pennsylvania	June 15, 1928	20	2
390	Leonard, Robert Craven	North Carolina	June 19, 1928	18	8
423	Letts, Kenneth Pearle	Michigan	June 28, 1928	19	7
225	Leverett, Travis Robert	Texas	June 20, 1928	18	3
176	Lewis, John Stephen	At large (V. P.)	June 22, 1928	20	2
24	Lewis, Porter	Alabama	July 16, 1928	17	1
151	Lewis, Walter Henry	Pennsylvania	June 19, 1928	18	6
104	Lietwiler, John Marion	Ohio	June 25, 1928	20	2
210	Little, Rex Beach	Kansas	June 14, 1928	17	11
314	Lockwood, Harris Cade	New York	June 19, 1928	19	9
171	Loughlin, Joseph James, jr.	P. A. 348 (Pres.)	July 6, 1928	20	0
432	Lowndes, Thomas Pinckney	South Carolina	June 28, 1928	19	4
365	Lucier, Roland Omer	Montana	June 29, 1928	19	11
286	Luker, George Robert	Illinois	June 14, 1928	20	0
306	Lunger, John Philip	New York	June 19, 1928	18	7
403	Lyons, Charles Malaher, jr.	Massachusetts	July 9, 1928	18	9
390	Lyons, William Beauveau Borie	Pennsylvania	July 2, 1928	19	1
457	Maher, Eugene Hugh	Utah	July 25, 1928	20	3
418	Major, Albert Sidney, jr.	Virginia	June 29, 1928	19	11
193	Mallory, Charles King, jr.	Maryland	June 25, 1928	18	7
*1	Mandelkorn, Richard Shai	Illinois	July 9, 1928	17	11
443	Mang, Louis Wilbur	Maryland	June 28, 1928	19	6
173	Marshall, James Gilbert	Tennessee	June 19, 1928	18	1
395	Mather, Max Chapman	Ohio	July 2, 1928	19	4
226	Matter, Alfred Richard	Montana	July 20, 1928	18	5
138	Maulsby, Robert John Costley	Iowa	June 21, 1927	17	2
428	Mayer, Rollins Harry	Missouri	June 22, 1928	19	8
417	McAlpine, Lloyd Hiram	Massachusetts	June 28, 1928	19	10
243	McCandless, Bruce	Colorado	June 14, 1928	16	10
436	McCarley, Henry Harris	South Carolina	July 23, 1928	18	3
392	McCormick, John Joseph	Pennsylvania	June 19, 1928	17	10
321	McCornock, Samuel Aldo	Michigan	July 16, 1928	17	6
384	McCrea, Victor B.	Ohio	June 26, 1928	19	11
350	McDonald, David Harold	Tennessee	June 28, 1928	20	2
r 447	McDougal, Douglas Cassell, jr.	California	June 14, 1928	17	10
398	McGoldrick, Joseph Aloysius	Pennsylvania	July 30, 1928	19	5
205	McIver, DeWitt Clinton, jr.	North Carolina	June 19, 1928	18	0
383	McLeod, Donald King	Nevada	June 22, 1928	18	8
342	Meador, Eguen Burleson	New York	June 29, 1928	18	5
167	Miller, John Stanley	Texas	June 25, 1928	19	8
*12	Miller, William Reynolds	Maryland	July 17, 1928	16	10
*6	Mitchell, Gilbert Hesser	Pennsylvania	July 23, 1928	17	3
313	Moncure, Samuel Pemberton	Virginia	Sept. 1, 1928	18	11
273	Montgomery, Thomas Jefferson	Ohio	June 22, 1928	17	8
r*18	Montgomery, William Penn, jr.	Kansas	June 15, 1928	16	10

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	22.20	36.05	18.23	21.08	16.86	18.76	133.18
2	24	22.28	37.52	18.90	22.28	17.82	22.82	141.62
2	24	25.72	44.17	22.09	24.00	21.87	24.57	162.42
2	24	23.96	39.90	21.15	28.36	18.36	23.87	155.60
2	24	26.00	40.95	22.28	21.80	17.04	23.31	151.38
2	24	21.64	38.15	18.89	22.88	17.10	19.46	138.12
2	24	23.24	39.97	21.32	24.36	20.67	21.14	150.70
2	24	24.08	41.79	20.32	24.40	17.25	24.57	152.41
2	24	25.80	40.18	19.99	23.04	17.16	24.15	150.32
2	24	21.20	35.77	18.55	22.52	17.91	22.68	138.63
2	24	26.44	40.39	21.96	24.48	19.35	23.10	155.72
2	24	22.60	37.03	18.99	22.72	16.20	23.24	140.78
2	24	21.52	35.49	18.83	22.24	17.58	22.61	138.27
2	24	24.52	41.44	21.08	22.56	17.70	21.91	149.21
2	24	23.32	37.73	21.02	25.52	19.65	24.22	151.46
2	24	25.60	47.46	24.65	27.72	20.19	22.89	168.51
2	24	23.76	42.77	20.67	24.44	18.03	23.87	153.54
2	24	24.68	39.76	21.39	26.48	22.17	22.89	157.37
2	24	23.64	40.18	21.28	24.60	18.15	22.12	149.97
2	24	22.80	38.64	19.67	22.80	16.62	24.15	144.68
2	24	23.80	38.99	21.53	25.20	17.94	24.22	151.68
2	24	22.92	36.47	18.78	21.80	15.51	21.98	137.46
2	24	22.92	38.08	20.54	22.88	16.86	20.93	142.21
2	24	23.36	38.15	19.15	23.52	16.92	24.92	146.02
2	24	21.56	35.70	19.01	23.12	21.99	23.59	144.97
2	24	20.80	37.87	18.33	22.12	19.23	21.35	139.70
2	24	21.16	37.38	19.69	23.64	17.91	21.00	140.78
2	24	22.16	35.84	18.13	20.76	15.63	18.62	131.14
2	24	22.96	36.40	18.57	21.52	15.84	23.45	138.74
2	24	25.12	40.46	21.13	23.52	16.56	23.94	150.73
2	24	28.44	54.74	27.26	27.92	22.35	21.98	182.69
2	24	22.40	36.47	18.64	21.48	16.38	20.72	136.09
2	24	25.36	41.44	21.49	24.04	16.59	22.61	151.53
2	24	22.72	36.40	18.69	22.08	18.24	22.40	140.53
2	24	21.84	39.76	20.21	24.16	19.11	24.08	149.16
3	21	24.36	41.58	22.63	23.44	19.29	23.10	154.40
2	24	22.08	37.52	18.80	20.12	17.16	22.26	137.94
2	24	21.12	35.70	18.26	21.44	18.06	24.22	138.80
2	24	23.44	38.01	21.10	25.68	16.29	23.52	148.04
2	24	22.68	34.09	18.29	21.88	16.92	23.38	137.24
2	24	22.00	36.61	19.08	23.60	16.50	22.89	140.68
2	24	22.20	37.80	20.37	24.12	17.13	22.68	144.30
1	8	21.60	36.75	18.21	23.40	15.96	25.20	141.12
2	24	22.08	38.36	19.22	22.68	17.88	22.89	143.11
2	24	21.08	35.91	18.40	21.60	18.66	19.74	135.39
2	24	21.88	38.15	19.01	21.60	17.40	22.12	140.16
2	24	22.48	39.27	21.46	23.36	18.21	25.48	150.26
2	24	21.24	38.64	18.58	22.80	17.01	22.89	141.16
2	24	23.56	35.70	18.70	24.64	16.71	23.94	143.25
2	24	23.12	37.73	21.28	25.20	20.34	24.50	152.17
2	24	28.44	51.03	24.91	26.20	20.22	22.75	173.55
2	24	27.16	49.63	25.50	29.92	22.62	23.31	178.14
2	24	22.28	37.66	20.67	23.00	17.04	24.08	144.73
2	24	22.96	37.87	18.97	23.64	18.42	24.78	146.64
2	24	26.52	53.06	25.34	26.72	19.71	19.74	171.09

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
90	Moore, Harry Grimshaw	Georgia	July 9, 1928	19	5
227	Moore, John Anderson	Arizona	June 15, 1928	18	5
338	Moore, Robert Brevard	North Carolina	July 7, 1928	18	9
452	Morgan, Robert Arlan	New Hampshire	July 6, 1928	18	2
60	Morse, John Henry, jr	South Carolina	June 22, 1928	18	1
287	Munger, Malcolm Townsend	Massachusetts	July 9, 1928	19	4
132	Munholland, John	Louisiana	June 22, 1928	17	7
40	Munson, Henry Glass	California	June 29, 1928	18	6
156	Murphy, Charlton Lewis, jr	Pennsylvania	June 28, 1928	20	2
250	Murphy, Jerome Elmer, jr	New York	July 19, 1928	18	11
58	Murray, Ellsworth Neil	Minnesota	June 14, 1928	18	0
337	Musgrave, Charles Wiegel	Ohio	July 9, 1928	18	10
36	Mustin, Lloyd Montague	Pennsylvania	June 14, 1928	16	11
414	Myatt, Lawrence Leslie	Massachusetts	July 27, 1928	19	9
84	Myers, Jacob Christian	California	June 29, 1928	18	9
130	Nelson, Carl Philip	North Dakota	June 15, 1928	18	6
117	Nicholas, Nicholas John	Maine	June 22, 1928	19	2
249	Nisewaner, Terrell Andrew	Idaho	June 29, 1928	18	2
190	Nuessle, Francis Edward	North Dakota	June 27, 1928	17	5
308	O'Connor, Michael Bernard	Oregon	June 20, 1928	18	6
144	Odend'hal, Charles Joseph, jr	Massachusetts	Aug. 23, 1928	17	7
75	Osler, Paul Gordon	Iowa	June 14, 1928	18	0
346	Ottinger, George Malone	Tennessee	Aug. 27, 1928	18	4
212	Outerson, William	California	Aug. 7, 1928	18	7
304	Ovrom, Allan Alfred	Wisconsin	June 22, 1928	18	3
370	Owens, Hinton Allen	Georgia	July 25, 1928	19	4
30	Palmer, Charles Joseph	New Hampshire	July 18, 1928	17	11
254	Parker, Alton E.	Idaho	June 22, 1928	19	8
270	Parker, Frank Mahlon	Indiana	do	17	9
385	Parks, John Robert	Missouri	June 21, 1928	20	0
448	Parrish, Lloyd Withers	New Mexico	July 5, 1927	19	10
161	Pavlie, Milton Frank	Ohio	June 25, 1928	18	6
362	Payne, Edwin Kent	West Virginia	June 21, 1928	19	10
435	Perkins, Charles Elliott	North Carolina	June 28, 1928	19	2
134	Perkins, William Beckwith, jr	Virginia	June 21, 1928	17	4
41	Pfingstag, Paul William	Indiana	July 18, 1928	17	6
302½	Phares, Everett Lang	Maryland	June 28, 1928	19	9
165	Phillips, Charles Edwin	Iowa	July 6, 1927	18	2
371	Phipps, Joseph Clark	Virginia	June 21, 1928	19	3
192	Pierce, George Ellis	Tennessee	June 19, 1928	18	8
247	Pinkston, Earl Roland	Georgia	June 15, 1928	18	5
127	Pitts, Ray Maurer	Texas	June 28, 1928	18	9
99	Pietta, Fred Arthur	Illinois	July 31, 1928	18	11
332	Porter, George Egbert, jr	Pennsylvania	July 17, 1928	19	1
63	Porter, Robert Reed	Wisconsin	June 25, 1928	17	11
200	Pressey, George Washington	Virginia	July 6, 1928	18	0
67	Prince, Howard Riche	Tennessee	June 28, 1928	19	8
241	Quarles, Samuel Frank	Virginia	June 19, 1928	17	5
343	Quirk, Philip Decatur	At large (Pres.)	June 14, 1928	18	5
394	Rain, Francis Merrell	Nebraska	Aug. 31, 1928	19	0
255	Ramey, John William	Kentucky	June 22, 1928	19	10
98	Raring, George Louis	Pennsylvania	July 16, 1928	17	6
382	Raymond, William Henry, jr	North Dakota	June 19, 1928	18	0
o	Reader, Joseph Clyde, jr	Illinois	June 18, 1928	18	6
139	Reilly, James Vincent	New York	Aug. 1, 1928	19	4

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	24.68	45.85	23.26	22.44	17.64	24.22	158.09
2	24	23.16	40.67	21.19	21.60	18.66	23.87	149.15
2	24	23.28	37.59	19.16	22.72	16.23	24.36	143.34
2	24	21.16	35.28	17.72	21.84	16.35	22.61	134.96
2	24	25.84	42.28	23.66	27.08	19.77	23.38	162.01
2	24	23.44	39.27	20.03	22.88	16.53	23.80	145.95
2	24	24.48	40.39	21.37	24.24	21.48	23.24	155.20
2	24	26.96	48.86	25.66	23.76	18.30	22.12	165.66
2	24	25.08	40.32	21.68	24.44	16.98	24.50	153.00
2	24	22.96	41.37	20.64	22.52	18.51	21.77	147.77
2	24	24.32	45.64	22.04	26.08	20.64	23.69	162.41
2	24	21.00	38.64	19.48	24.00	16.11	24.15	143.38
2	24	26.92	44.38	23.83	27.96	20.58	22.75	166.42
2	24	21.28	38.43	19.29	22.20	16.74	21.14	139.08
2	24	25.00	44.38	23.01	24.08	19.11	23.31	158.89
2	24	26.88	43.26	22.07	22.44	19.80	20.93	155.38
2	24	26.28	39.62	21.15	25.96	19.80	23.59	156.40
2	24	23.32	39.20	19.44	24.16	18.84	22.82	147.78
2	24	25.32	42.21	20.15	24.52	17.19	21.63	151.02
2	24	22.72	39.55	18.90	23.80	16.80	23.10	144.87
2	24	24.92	40.18	21.66	25.88	18.78	22.68	154.10
2	24	26.96	44.03	22.82	25.04	18.36	22.54	159.75
2	24	22.36	38.15	19.70	23.04	17.28	22.61	143.14
2	24	24.52	39.76	21.38	24.48	16.47	23.17	149.78
2	24	22.12	39.06	19.04	23.60	17.52	23.80	145.14
2	24	21.72	39.90	18.99	21.84	16.41	23.03	141.89
2	24	25.96	46.27	23.16	26.60	20.31	24.64	166.94
2	24	22.36	39.20	19.53	23.16	18.30	24.92	147.47
2	24	22.16	37.17	20.59	24.04	17.52	25.27	146.75
2	24	22.32	35.42	18.88	23.76	20.01	20.65	141.04
2	24	21.72	36.33	18.11	21.64	15.90	21.63	135.33
2	24	23.04	44.45	21.23	23.72	16.89	23.17	152.50
2	24	22.96	37.80	20.27	23.40	16.68	21.28	142.39
2	24	20.92	36.47	18.22	23.20	16.17	22.33	137.31
2	24	23.20	40.46	21.36	24.08	20.61	25.06	154.77
2	24	26.40	48.09	23.71	24.68	19.11	23.52	165.51
1	23	21.96	38.01	19.92	23.60	18.30	23.52	145.31
2	21	23.52	42.91	21.30	23.24	18.60	22.61	152.18
2	24	21.52	38.01	18.96	22.92	18.03	22.40	141.84
2	24	24.84	38.71	19.81	24.48	18.39	24.57	150.80
2	24	24.96	40.53	19.44	21.24	19.02	22.75	147.94
2	24	25.64	40.60	21.02	24.80	20.67	22.75	155.48
2	24	24.60	42.70	21.83	25.68	19.20	23.73	157.74
2	24	23.92	39.55	19.54	21.48	16.53	22.68	143.70
2	24	25.96	45.22	23.58	25.88	17.64	23.45	161.73
2	24	24.92	38.99	20.87	22.76	18.33	24.57	150.44
2	24	24.92	46.06	23.08	23.84	18.84	24.15	160.89
2	24	21.72	42.49	20.93	22.40	17.52	23.17	148.23
2	9	22.96	37.59	19.09	21.20	17.13	25.27	143.24
2	24	22.36	34.93	17.79	22.76	18.90	23.87	140.61
2	24	22.56	39.76	20.11	23.20	17.01	24.71	147.35
2	24	25.12	42.91	21.85	26.28	18.42	23.17	157.75
2	24	23.56	36.19	19.33	23.28	16.95	21.91	141.22
2	24	22.08	(a)	(a)	24.28	18.18	24.01	Inc.
2	24	23.48	42.42	21.66	24.88	18.99	22.96	154.39

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
59	Reiter, Harry Lee, jr.....	Colorado.....	July 17, 1928	18	7
222	Rhoads, Norwood Brouse, jr.....	Louisiana.....	do.....	19	9
271	Rice, George Frank.....	New Hampshire.....	June 18, 1928	19	1
114	Richards, William LeRoy.....	Missouri.....	July 9, 1928	17	6
274	Roach, John Paul.....	Texas.....	June 28, 1928	18	10
351	Robards, William Camp Fitz-Hugh.....	At large (Pres.).....	June 14, 1928	17	6
195	Roblin, Robert Downing.....	New York.....	June 15, 1928	17	3
179	Rogers, George Pearsall.....	Alabama.....	June 16, 1928	18	11
232	Rooney, George Arthur.....	Kansas.....	June 22, 1928	16	6
439	Rosen, Charles.....	do.....	June 14, 1928	19	8
261	Ross, Robert Davis.....	Ohio.....	June 15, 1928	20	0
361	Roudebush, Jack.....	California.....	July 2, 1928	18	1
296	Rounds, Horace Priest.....	Massachusetts.....	July 9, 1928	19	2
400	Ruble, Harold Eustace.....	Minnesota.....	June 23, 1928	19	9
*3	Ruckner, Edward Aberle.....	New Jersey.....	July 9, 1928	18	8
65	Ruhlman, Fred Lee.....	Nebraska.....	June 14, 1928	19	3
318	Sampson, Norman John.....	Connecticut.....	July 9, 1928	18	9
143	Sargent, Harold Lazelle.....	Missouri.....	June 28, 1928	17	7
328	Schall, Thomas Douglas, jr.....	Minnesota.....	July 23, 1928	17	11
359	Scherini, Otto Axel.....	Washington.....	Aug. 13, 1928	19	0
169	Schmidt, Maximilian Gmelich.....	Missouri.....	June 14, 1928	19	3
184	Schroeder, William Paul.....	Michigan.....	June 29, 1928	19	6
*4	Schultz, Floyd Bernard.....	do.....	June 15, 1928	17	6
364	Schwartz, Isador Joseph.....	Pennsylvania.....	June 29, 1928	19	6
*10	Schweitzer, Earl Snowden.....	do.....	Aug. 2, 1928	17	4
53	Scott, David Darwin.....	South Dakota.....	June 25, 1928	16	5
449	Scott, Reader Clarence.....	Illinois.....	July 6, 1928	18	11
267	Seager, John Wesley, jr.....	Minnesota.....	June 18, 1928	20	2
269	Seely, Harry Woodworth.....	New York.....	Sept. 28, 1928	19	1
429	Severs, Hugh Barret.....	Kentucky.....	Aug. 31, 1928	20	2
55	Shaw, Spencer Loraine.....	South Carolina.....	June 22, 1928	17	4
412	Shea, John Dwight.....	West Virginia.....	July 9, 1928	17	5
197	Shelton, Howard Edward, jr.....	Kentucky.....	June 22, 1928	18	4
131	Shinn, Allen Mayhew.....	California.....	July 11, 1928	20	1
198	Short, William Byfield, jr.....	New York.....	June 15, 1928	19	5
438	Short, Wallace Clark, jr.....	do.....	July 23, 1928	19	4
407	Shovestul, Paul James.....	Pennsylvania.....	June 28, 1928	19	3
252	Shumway, DeWitt Wood.....	New York.....	June 21, 1928	18	8
104	Silverstein, Max.....	Illinois.....	June 18, 1928	17	4
187	Simmers, Clayton Rogers.....	Pennsylvania.....	June 16, 1927	19	8
28	Simpson, Robert Tate.....	Texas.....	Sept. 1, 1928	20	0
188	Slayden, Alvin Weems.....	Tennessee.....	June 22, 1928	19	2
91	Small, Selden Clobridge.....	New York.....	June 15, 1928	18	5
293	Smiley, Clare Brown.....	Alabama.....	June 22, 1928	16	5
437	Smith, Charles Hubert.....	Georgia.....	June 15, 1928	17	8
379	Smith, Daniel Flecher, jr.....	Texas.....	Sept. 1, 1928	18	5
120	Smith, Howard Elmer.....	New York.....	June 16, 1928	16	11
326	Smith, John Bernard.....	Massachusetts.....	June 22, 1928	19	3
19	Smith, James Gene.....	Missouri.....	June 18, 1928	17	11
396	Smith, Lawrence.....	New York.....	June 25, 1928	19	5
133	Smith, Levering.....	Illinois.....	June 18, 1928	18	3
174	Smith, Lewis Oscar, jr.....	West Virginia.....	June 15, 1928	17	7
211	Smith, Reynolds C.....	Michigan.....	do.....	19	3
219	Smyth, Lawrence William.....	Indiana.....	June 18, 1928	19	2
278	Snowden, Ernest Maynard.....	North Carolina.....	June 29, 1928	17	1

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	24.68	46.27	22.72	24.80	20.16	23.52	162.15
2	24	23.76	39.83	20.44	23.40	17.43	24.50	149.36
2	24	23.84	38.85	20.02	22.80	18.06	23.17	146.74
2	24	25.60	43.33	22.07	24.12	18.87	22.75	156.74
2	24	23.32	38.50	19.58	24.12	18.12	22.96	146.60
2	24	24.48	37.03	20.34	23.84	15.81	21.63	142.93
2	24	24.96	37.87	20.97	24.52	18.54	23.80	150.66
2	24	23.64	41.16	20.40	24.12	18.48	23.52	151.32
2	24	23.80	41.30	20.46	21.56	17.43	24.22	148.77
2	24	21.00	33.60	17.88	23.84	17.07	22.89	136.28
2	24	22.12	39.97	19.69	25.96	16.83	22.47	147.04
1	23	21.96	37.59	18.91	22.72	18.57	22.68	142.43
2	24	22.56	37.94	19.88	23.16	18.24	23.80	145.58
2	24	22.56	37.80	19.65	21.92	15.87	22.19	139.99
2	24	27.36	53.90	25.91	25.44	20.73	25.20	178.54
2	24	27.76	43.75	22.51	25.64	18.27	23.38	161.31
2	24	23.20	37.17	20.07	21.92	18.54	23.59	144.49
2	24	24.64	39.48	21.63	25.40	18.96	24.01	154.12
2	24	24.12	38.15	19.49	23.12	19.05	19.95	143.88
2	24	21.08	37.45	19.40	21.96	20.52	22.05	142.46
2	24	25.24	39.76	20.10	23.88	17.94	25.13	152.05
2	24	23.72	38.71	20.95	23.36	20.76	23.73	151.14
2	24	27.80	51.38	26.13	27.48	21.06	24.50	178.35
2	24	23.16	36.82	19.06	23.36	15.90	24.08	142.38
2	24	26.96	53.13	26.05	24.48	23.19	22.19	176.00
2	24	26.52	45.71	23.45	24.72	18.90	23.45	162.75
2	24	22.48	35.21	17.90	21.68	15.57	22.47	135.31
2	24	24.32	37.66	19.98	24.60	16.74	23.59	146.89
5	15	21.96	37.17	19.11	25.32	18.63	24.57	146.76
2	24	22.80	36.82	18.16	22.20	15.21	22.54	137.73
2	24	25.56	47.74	24.35	25.68	17.07	22.12	162.52
2	24	22.00	37.45	18.43	23.44	16.02	21.77	139.11
1	8	25.24	39.83	20.47	21.92	18.00	25.13	150.59
2	24	23.00	41.16	20.60	25.56	21.93	23.03	155.28
2	24	24.28	39.34	20.02	24.28	18.39	24.22	150.53
2	24	21.80	37.17	18.11	20.84	15.84	23.03	136.43
2	24	23.16	35.84	18.11	22.36	16.53	23.45	139.45
2	24	22.68	38.57	20.22	24.36	17.61	24.22	147.66
2	24	23.76	46.06	21.66	24.48	18.87	22.54	157.37
5	15	26.64	37.24	20.28	26.40	17.34	23.17	151.07
2	24	27.76	45.57	24.86	24.28	20.01	25.34	167.82
2	24	24.40	42.00	21.11	22.84	18.30	22.40	151.05
2	24	24.36	41.86	22.58	25.40	19.74	24.08	158.02
2	24	22.24	38.71	19.99	23.84	17.55	23.38	145.71
2	24	21.36	36.05	18.56	22.60	16.20	21.70	136.47
2	24	21.00	37.31	19.24	23.16	17.43	23.24	141.38
2	24	23.16	39.76	21.44	27.24	20.67	23.87	156.14
2	24	21.84	38.15	20.16	23.16	17.85	22.96	144.12
2	24	21.76	37.94	19.05	21.60	16.53	21.84	138.72
2	9	23.52	36.61	19.04	21.76	15.69	23.80	140.42
2	24	23.40	43.61	23.04	25.00	17.91	22.12	155.08
2	24	23.60	40.04	21.36	25.48	17.28	23.73	151.49
2	24	25.52	40.88	20.55	22.80	16.29	23.87	149.91
2	24	23.52	40.81	20.33	24.48	17.88	22.47	149.49
2	24	23.48	39.83	20.17	22.04	16.86	24.08	146.46

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
362	Snyder, Philip Leroy	Ohio	July 9, 1928	18	3
*9	Sosnoski, Harry	do	June 28, 1928	20	1
54	Soule, Rufus Albertson, 3d	Massachusetts	June 18, 1928	18	6
49	Spangler, John Gilmore	Nebraska	July 9, 1928	19	8
379	Speer, John Orin	Pennsylvania	June 28, 1928	20	1
150	Spiers, John Isidore Randall	New Jersey	July 31, 1928	16	11
266	Stannard, Wilford Tennyson	Connecticut	June 28, 1928	18	8
181	Starr, Marvin Tipton	Washington	June 29, 1928	19	10
330	Stevenson, Gilbert Northrop	Nebraska	June 21, 1928	17	11
47	Stoner, Howard Fletcher	Indiana	June 22, 1928	17	8
335	Strickler, Robert Lawrence	Oklahoma	Sept. 1, 1928	18	11
334	Stuart, William Aurand	West Virginia	July 6, 1928	18	8
142	Sugarman, Charles Maurice	Oregon	Aug. 7, 1928	18	9
48	Sunderland, Morton	At large (Pres.)	June 14, 1928	17	5
416	Sutton, John Joseph	Illinois	July 6, 1928	19	3
170	Tagg, William Leonard	Nebraska	do	17	6
366	Taylor, Ennis Walter	Texas	June 28, 1928	19	10
426	Temment, John Gardner, 3d	At large (Pres.)	June 14, 1928	18	6
84	Thomas, Donald Irving	Virginia	June 22, 1928	18	3
259	Thomas, James Alfred	Ohio	June 28, 1928	18	11
283	Thompson, Forest Carson	Indiana	June 18, 1928	19	9
282	Thompson, Joseph	Maine	June 22, 1928	16	11
r204½	Threlkel, Frank Hays	Kentucky	July 20, 1927	17	4
453	Todd, Kenneth Stanley	Connecticut	June 15, 1927	18	10
207	Toft, James Cecil, jr	New Jersey	June 18, 1928	19	6
422	Townsend, Harry Edson	New York	June 15, 1928	18	10
83	Townsend, William Edward	Ohio	July 30, 1928	18	7
356	Tschirgi, Harvey Curtis	Iowa	June 29, 1928	20	2
308	Tucker, Augustine John, 2d	Pennsylvania	June 21, 1928	18	10
191	Turton, Howard Johnson	Connecticut	July 16, 1928	18	1
415	Tuttle, Magruder Hill	North Carolina	June 28, 1928	19	11
84	Underwood, Gordon Waite	Oregon	July 9, 1928	18	1
346	Underwood, Robert DuBois	At large (Pres.)	June 18, 1928	16	9
296	Utter, Harmon Tischer	Ohio	June 22, 1928	18	10
180	Vandling, Robert Edward	Pennsylvania	July 17, 1928	18	11
88	Van Evera, John Rynier	Minnesota	June 29, 1928	16	10
244	Van Every, Salem Augustus, jr	North Carolina	July 9, 1928	17	7
251	Vanous, William Winfield	Maryland	June 28, 1928	19	3
r*15	Van Slyke, Francis Allen	Michigan	June 14, 1928	17	11
392	Van Slyke, John Rosser	Texas	June 19, 1928	18	2
356	Vaughan, Frederick Owen	P. A. 348 (Pres.)	June 15, 1928	19	8
340	Vaughan, John	Michigan	July 26, 1928	17	11
248	Vorpahl, Arthur Henry	Wyoming	June 22, 1927	19	6
389	Vrooman, William Tayler	New York	June 19, 1928	17	7
202	Wagnon, Lucien Edward	South Carolina	do	19	5
*2	Ward, Alfred Gustave	Alabama	June 28, 1928	19	7
246	Warder, Thomas Grayston	West Virginia	June 25, 1928	17	9
186	Warfield, Thomas Glover	Nebraska	July 6, 1928	18	10
*11	Waters, Odale Dabney, jr	Virginia	July 9, 1928	18	0
450	Weaver, Donald Andrew	Indiana	June 17, 1927	18	1
38	Weeks, Robert Harper	Massachusetts	June 14, 1928	18	6
103	Wellings, Albert Aloysius	do	Aug. 10, 1928	19	7
*8	Weschler, Charles John	Pennsylvania	July 7, 1928	19	0
403	West, John Taliaferro	Maryland	July 16, 1928	18	11
182	Weston, Wallace Humphrey	Maine	June 22, 1928	19	11

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aero-nautics	Mathe-matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	20.92	36.26	19.16	23.36	19.38	23.31	142.39
2	24	27.20	49.63	25.18	27.72	21.15	25.13	176.01
2	24	25.36	45.22	22.48	25.04	20.79	23.80	162.69
2	24	27.52	46.69	21.21	24.28	18.81	24.57	163.08
2	24	22.00	36.40	19.93	22.04	17.28	23.73	141.38
2	24	23.60	40.60	21.53	25.04	20.31	22.54	153.62
2	24	22.04	37.59	20.23	22.52	19.89	24.71	146.98
2	24	24.36	41.37	21.54	23.20	17.76	23.03	151.26
2	24	22.44	38.57	20.20	23.24	19.29	20.02	143.76
2	24	25.00	47.32	24.70	24.80	18.21	23.45	163.48
2	24	21.04	36.96	18.31	23.36	19.83	24.01	143.51
2	24	24.16	39.55	19.77	21.52	15.93	22.68	143.61
2	24	24.40	43.33	21.15	23.12	18.30	23.94	154.24
2	24	26.80	45.01	23.51	26.68	18.15	23.31	163.46
2	24	22.08	36.61	19.33	22.52	17.64	20.72	138.90
2	24	25.76	38.43	20.57	24.68	18.63	23.73	151.80
2	24	21.36	35.84	18.44	26.00	16.65	23.87	142.16
2	24	22.88	35.63	18.50	22.68	15.84	22.54	138.07
2	24	24.84	38.92	22.33	28.28	21.21	23.31	158.89
2	24	22.96	40.18	19.46	23.52	20.10	20.93	147.15
2	9	23.28	40.18	20.31	22.12	16.68	23.73	146.30
2	24	22.44	39.41	19.12	23.52	17.52	24.36	146.37
2	21	24.16	39.90	21.23	23.04	18.99	22.96	150.28
2	9	21.08	35.91	18.38	22.72	17.13	19.46	134.68
2	24	25.96	39.34	20.92	24.04	17.04	22.89	150.19
2	24	22.84	35.91	18.47	21.64	15.87	23.66	138.39
2	24	25.48	42.84	21.25	26.56	19.29	23.66	159.08
2	9	22.68	38.57	20.26	22.44	16.35	22.96	150.28
2	24	23.52	38.78	19.36	23.52	16.38	23.31	144.87
2	24	24.04	39.13	20.83	24.84	19.56	22.61	151.01
2	9	22.32	37.03	18.97	21.64	15.93	23.17	139.06
2	9	26.44	44.52	22.52	24.52	19.05	21.84	158.89
2	24	22.84	37.87	20.64	22.44	17.16	22.19	143.14
2	24	23.60	38.36	20.40	22.32	17.52	23.38	145.58
2	24	26.08	37.73	20.93	25.68	18.12	22.75	151.29
2	24	25.88	43.26	21.86	25.68	19.17	22.82	158.67
2	24	23.68	38.50	18.87	23.24	21.06	22.68	148.03
2	24	23.68	40.39	22.27	22.56	16.92	21.91	147.73
2	24	26.64	53.20	25.83	25.36	19.02	21.84	171.89
2	24	23.44	35.42	18.94	22.52	16.98	23.38	140.68
2	24	21.20	37.94	19.88	22.68	17.55	23.31	142.56
2	24	24.40	36.47	18.61	24.32	17.55	21.91	143.26
5	15	23.04	39.20	19.55	22.12	19.74	24.15	147.80
2	24	22.56	36.19	18.50	24.52	17.58	21.70	140.85
2	24	22.40	39.76	21.21	23.00	19.77	24.22	150.36
2	24	27.52	52.43	25.38	27.28	20.79	25.41	178.81
2	24	23.04	38.71	20.45	24.16	17.94	23.66	147.96
2	24	25.12	40.88	20.57	22.44	17.64	24.43	151.08
2	24	26.64	48.65	25.43	27.04	20.79	25.20	173.75
2	24	21.36	37.10	18.69	20.28	17.40	20.50	135.13
2	24	26.04	44.59	21.96	27.24	20.91	25.20	165.94
2	24	25.68	42.14	22.47	24.76	18.78	23.59	157.42
2	24	26.96	49.70	25.48	27.92	21.21	24.92	176.19
2	24	21.76	36.82	18.24	22.56	15.63	24.57	139.58
2	24	24.64	37.66	21.90	26.12	17.67	23.24	151.23

Merit roll of the midshipmen of the present second class (class of 1932), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
97	White, Theodore Harrison.....	New York.....	June 19, 1928	19	1
354	Widhelm, William John.....	Nebraska.....	July 2, 1928	20	0
440	Wigelius, Frank Edward.....	Washington.....	July 17, 1928	19	10
315	Wilder, Allison Francis Page.....	North Carolina.....	June 19, 1928	18	7
357	Wildner, Adolphe.....	New York.....	July 3, 1928	17	10
76	Willard, Chauncey Shearer.....	Florida.....	June 14, 1928	18	4
237	Williams, Paul Darwin.....	South Dakota.....	June 22, 1928	17	6
109	Williams, Richard Claggett, jr.....	Maryland.....	Aug. 27, 1928	17	9
175	Williamson, Lindsey.....	New York.....	July 9, 1928	19	4
228	Williamson, Marcus William.....	Minnesota.....	June 22, 1928	17	9
217	Williamson, Thomas Fort.....	Alabama.....	July 9, 1928	16	8
89	Willson, John Joseph.....	Iowa.....	Aug. 2, 1928	19	4
322	Wilson, George Rees.....	Illinois.....	Aug. 31, 1928	17	11
*13	Wilson, Ronald Lee.....	do.....	June 18, 1928	18	7
87	Wilson, Ralph Martin.....	Pennsylvania.....	June 15, 1928	20	2
122	Wilson, William Ritchie.....	Illinois.....	July 9, 1928	17	6
350½	Winter, William, jr.....	Michigan.....	June 21, 1928	18	0
245	Wintle, Jack William.....	Kansas.....	June 14, 1928	20	2
344	Witherow, Joseph Francis, jr.....	California.....	June 15, 1928	17	11
284	Wolsieffer, Frederick.....	New Jersey.....	June 28, 1928	19	11
117	Woodward, Edwin Charles.....	At large (Pres.).....	June 14, 1928	17	9
92	Wylie, Joseph Caldwell, jr.....	New Jersey.....	do.....	17	3
264	Young, Melvin Thayer.....	Wisconsin.....	June 22, 1928	19	11
265	Young, Robert Cummings.....	West Virginia.....	June 21, 1928	18	8
71	Zink, William Talbott, jr.....	Maryland.....	June 30, 1928	18	1

second year of their academic course, 464 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate second year
		Maximum						
Months	Days	32	56	28	32	24	28	200
2	24	23.68	45.15	22.13	24.24	18.06	24.50	157.76
2	24	23.32	39.55	19.42	22.00	16.95	21.42	142.66
2	24	21.20	34.72	17.83	21.76	17.73	22.96	136.20
2	24	22.36	38.71	20.34	22.68	16.56	24.01	144.66
2	24	22.52	37.10	19.79	22.76	17.37	22.96	142.50
2	24	26.56	42.98	23.26	25.36	17.55	24.01	159.72
2	24	22.96	41.16	20.79	24.04	18.90	20.72	148.57
2	24	23.24	42.07	21.55	26.24	21.51	22.47	157.08
2	24	25.20	37.73	20.48	24.44	20.31	23.31	151.47
2	24	23.56	38.85	19.74	25.00	19.38	22.61	149.14
2	24	23.72	39.55	20.60	24.60	17.22	23.87	149.56
2	24	25.88	45.29	21.98	23.52	19.35	22.54	158.56
2	24	20.96	37.17	18.36	25.32	19.17	23.31	144.29
2	24	26.60	49.91	25.36	25.28	21.15	24.64	172.94
2	24	23.04	46.13	21.92	26.04	17.88	23.80	158.81
2	24	24.56	40.95	22.24	24.88	19.80	23.31	155.74
2	24	23.88	36.33	19.31	23.40	16.74	23.31	142.97
2	24	23.44	39.20	20.61	24.20	17.16	23.38	147.99
2	24	22.44	35.91	19.12	26.20	19.56	19.95	143.18
2	24	22.32	37.94	19.52	24.64	19.26	22.61	146.29
2	24	25.00	40.88	21.59	25.44	19.83	23.66	156.40
2	24	27.16	40.53	22.22	25.52	18.57	24.01	158.01
1	23	22.40	38.36	20.20	23.40	18.42	24.22	147.00
2	24	24.08	38.43	20.62	22.60	16.41	24.85	146.99
2	24	25.16	45.22	23.52	26.12	18.60	22.05	160.67

Merit roll of the midshipmen of the present third class (class of 1933),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
342	Abbot, Edward William.....	Texas.....	July 13, 1929	18	8
473	Acker, William David, jr.....	South Carolina.....	June 24, 1929	17	9
185	Aiken, William Loughridge.....	Pennsylvania.....	July 8, 1929	19	3
68	Albiston, Louis Hathaway.....	Rhode Island.....	June 14, 1929	18	4
481	Allen, Russell Bowes.....	Massachusetts.....	June 26, 1929	19	5
79	Anderson, Howard Wendell.....	Minnesota.....	July 5, 1929	17	11
225	Anderson, Robert Reed.....	Wisconsin.....	Sept. 14, 1929	19	2
370	Andrews, Haven Washburn.....	Vice President.....	June 20, 1929	19	4
260	Anthony, Robert Zachary Taylor.....	Tennessee.....	June 21, 1929	17	3
127	Aponick, Anthony Aloysius.....	Pennsylvania.....	July 15, 1929	18	1
101	Arnold, Frank Robert.....	California.....	June 14, 1929	18	8
239	Ashworth, Frederick Lincoln.....	Massachusetts.....	July 12, 1929	17	6
404	Atherton, Harry Sheldon.....	do.....	July 15, 1929	19	6
53	Authier, Edward Eugene.....	Connecticut.....	June 13, 1929	18	7
412	Aymett, Julian Graves.....	Tennessee.....	June 18, 1929	18	8
300	Bailey, Joslyn Rigby.....	West Virginia.....	Aug. 2, 1929	17	11
211	Ballard, Nixon Leslie.....	Illinois.....	June 14, 1929	18	4
306	Balterman, George.....	do.....	June 24, 1929	17	6
106	Banzhaf, Henry Frederick.....	Wisconsin.....	July 5, 1929	17	10
249	Barclay, Kenneth James.....	Michigan.....	June 18, 1929	19	6
459	Barker, Christopher Sylvanus, jr.....	North Carolina.....	Aug. 26, 1929	18	0
239	Barlow, Max Edward.....	Washington.....	June 18, 1929	19	11
198	Barnes, Stanley Maitland.....	New Hampshire.....	July 29, 1929	16	11
282	Barnum, Robert Hudson.....	New York.....	June 17, 1929	18	8
380	Barr, James Barbour.....	do.....	July 9, 1929	18	6
379	Beam, James Llewellyn.....	Illinois.....	June 14, 1929	17	3
320	Beard, Norman Wycliffe.....	Tennessee.....	June 29, 1929	19	7
113	Beard, Thomas Wilson.....	Kentucky.....	June 14, 1929	18	6
391	Bedell, Porter Fryman.....	Texas.....	June 20, 1929	17	11
507	Belcher, Preston Randolph.....	Illinois.....	July 11, 1929	19	2
183	Bellinger, William Cotesworth Pinckney, jr.....	South Carolina.....	June 15, 1928	18	11
96	Bennett, Carter Lowe.....	Tennessee.....	July 5, 1929	19	11
144	Bertolet, Samuel.....	Pennsylvania.....	June 19, 1929	18	10
245	Best, Ethridge Charles.....	Texas.....	July 16, 1929	19	1
*24	Bethea, James Stephen.....	Arizona.....	June 14, 1929	17	10
77	Bewick, James Voigt.....	Missouri.....	June 18, 1929	19	0
364	Beyer, Aaron Frederick, jr.....	Pennsylvania.....	June 22, 1929	17	7
435	Bierer, Howard Troutman.....	Oklahoma.....	July 1, 1929	17	4
177	Bird, Horace Virgil.....	do.....	July 11, 1929	17	1
223	Bitterman, David Eugene.....	Pennsylvania.....	July 9, 1928	18	0
415	Black, Richard Thomas.....	California.....	June 28, 1929	18	6
418	Black, Thompson, jr.....	New York.....	June 17, 1929	19	9
364	Blackburn, John Thomas.....	At large (Pres.).....	do.....	17	0
353	Blakelock, Francis Luke.....	New York.....	June 18, 1929	16	3
85	Blatchford, Walter Larned.....	Vice President.....	June 20, 1929	19	2
428	Blick, Charles Augustus.....	New Jersey.....	do.....	18	1
94	Blouin, Francis Joseph.....	Massachusetts.....	June 13, 1929	18	11
85½	Bobo, Walter Sidney, jr.....	Mississippi.....	July 1, 1929	18	7
448	Bogardus, Burton Willard.....	California.....	June 28, 1929	20	1
471	Bolles, Frank Crandall, jr.....	Wyoming.....	June 20, 1929	19	5
141	Bollinger, Walter Henry William.....	Illinois.....	June 14, 1929	18	5
*13	Bourland, Joseph Hunt.....	Texas.....	June 18, 1929	18	5
*5	Bowen, Harold Gardiner, jr.....	California.....	July 15, 1929	16	9

for the first year of their academic course, 545 members, June, 1930

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
Maximum								
Months	Days	12	32	16	16	12	12	100
2	23	8.51	23.16	11.76	11.56	9.18	9.99	74.16
2	23	8.49	19.84	11.08	11.04	8.95	11.40	70.80
2	23	10.04	23.44	12.84	11.60	7.94	11.88	77.74
2	23	9.71	24.64	13.28	12.70	10.12	11.76	82.21
2	23	7.77	21.12	10.50	10.88	8.45	11.82	70.54
1	20	8.65	25.04	12.92	12.86	10.27	11.88	81.62
2	23	9.73	23.92	11.02	11.84	8.54	11.76	76.81
2	23	7.61	21.36	12.28	11.80	8.79	11.91	73.75
2	23	9.45	23.04	12.90	11.58	8.46	10.50	75.93
2	23	7.88	23.04	13.98	12.22	10.57	11.64	79.33
2	23	9.04	24.40	12.88	12.60	9.61	11.61	80.14
2	23	9.58	21.56	11.98	11.92	9.94	11.46	76.44
2	23	7.96	20.60	10.66	12.20	10.19	11.55	73.16
2	23	10.57	25.88	13.00	11.42	10.35	11.82	83.04
2	23	7.94	21.64	10.92	11.84	8.86	11.64	72.84
2	23	7.72	22.04	11.60	12.14	10.17	11.43	75.10
2	23	8.76	24.24	12.92	11.80	8.25	11.13	77.10
2	23	8.06	23.12	11.24	11.34	9.83	11.34	74.93
2	23	8.33	24.52	12.96	12.20	10.68	11.22	79.91
2	23	8.85	23.32	11.44	12.02	9.23	11.31	76.17
2	23	8.17	21.12	11.34	10.86	8.03	11.64	71.16
2	23	8.42	22.16	12.36	12.10	9.40	12.00	76.44
2	23	8.40	23.00	13.22	12.28	9.14	11.34	77.38
2	23	8.18	22.28	11.16	11.84	10.18	11.76	75.40
2	23	8.41	21.88	11.04	10.88	9.42	11.94	73.57
2	23	8.43	22.80	11.32	12.54	8.41	10.08	73.58
2	23	8.57	23.16	12.48	11.40	7.87	11.16	74.64
2	23	9.69	24.72	13.00	11.92	9.34	11.04	79.71
2	23	7.73	23.32	10.94	11.42	8.54	11.40	73.35
2	23	7.99	21.08	10.60	10.52	7.25	11.67	69.11
2	23	8.91	23.24	13.28	11.88	8.95	11.52	77.78
2	23	9.59	25.68	12.14	12.36	9.10	11.52	80.39
2	23	8.77	23.00	11.58	13.32	10.06	11.94	78.67
2	23	9.35	23.92	11.66	10.98	9.09	11.28	76.28
2	23	9.75	28.24	13.50	11.94	10.44	11.79	85.66
2	23	10.19	25.84	13.22	12.02	9.40	11.01	81.68
2	23	8.99	21.84	11.60	10.96	8.62	11.79	73.80
2	23	8.58	20.96	10.56	10.90	9.28	11.79	72.07
2	23	9.99	22.56	12.10	12.22	9.29	11.76	77.92
2	23	9.27	23.00	12.46	11.22	9.35	11.55	76.85
2	23	8.44	22.76	11.00	10.98	8.22	11.25	72.65
2	23	8.38	21.92	11.52	11.88	7.80	11.10	72.60
2	23	7.83	23.60	11.06	12.26	9.72	9.33	73.80
2	23	8.93	23.80	10.52	10.84	8.36	11.49	73.94
2	23	9.25	24.32	11.92	13.04	10.60	12.00	81.13
2	23	7.90	21.84	11.56	11.16	8.73	11.11	72.30
2	23	8.35	24.76	12.84	11.92	11.26	11.28	80.41
2	23	9.41	25.16	12.60	12.50	9.43	11.97	81.07
2	23	8.33	21.88	10.20	11.64	7.89	11.76	71.70
2	23	7.65	20.80	10.10	11.12	9.72	11.43	70.82
2	23	9.87	24.28	12.84	11.68	8.63	11.49	78.79
2	23	9.86	28.52	14.24	12.18	10.75	12.00	87.55
2	23	8.96	27.44	14.74	14.90	11.35	11.79	89.18

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
216	Bowen, Robert Oliver.....	Massachusetts.....	July 16, 1929	19	2
*27	Bowling, Theodore Cheeseborough, jr.	Oklahoma.....	June 20, 1929	19	10
42	Bowman, Merle Francis.....	Pennsylvania.....	June 14, 1929	18	11
381	Breedon, Albert William, 2d.....	New York.....	Aug. 26, 1929	19	10
173	Brittan, Theodore Harry.....	Ohio.....	June 26, 1929	18	10
514	Brown, Edwards.....	South Dakota.....	June 18, 1929	19	4
49	Brown, Francis Elwood.....	Nevada.....	June 21, 1929	18	1
164	Brown, James Oliver.....	Pennsylvania.....	June 18, 1929	19	6
355	Brown, Maurice Burton.....	North Dakota.....	June 17, 1929	18	7
59	Brownrigg, France Herbert.....	Florida.....	July 23, 1929	19	4
285	Bruning, Frederick William.....	New York.....	July 22, 1929	18	5
388	Buck, Roy Garvin.....	Iowa.....	June 14, 1929	19	5
429	Buie, Paul Douglas.....	Georgia.....	do.....	20	2
334	Bulkeley, John Duncan.....	Texas.....	June 20, 1929	17	10
*8	Bullock, James Earl.....	Ohio.....	July 20, 1929	18	10
325	Bunovich, Irving.....	New Jersey.....	June 17, 1929	17	11
210	Burks, Jesse Billy.....	Alabama.....	June 25, 1928	19	11
139	Burrow, James Barrington.....	Florida.....	June 21, 1929	18	5
90	Burton, Paul Willits.....	Pennsylvania.....	June 13, 1929	17	8
125	Caldwell, Clarence Mills.....	Oklahoma.....	July 1, 1929	18	9
246	Camera, Robert Snowden.....	New Jersey.....	July 5, 1929	20	3
340	Cameron, William Graham.....	Wisconsin.....	June 14, 1929	18	6
232	Campbell, Clifford Morgan.....	Washington.....	Aug. 26, 1929	20	4
121	Campbell, Earnest Goodrich.....	Nevada.....	June 29, 1929	18	1
220	Campbell, James Harry.....	Arkansas.....	June 26, 1929	18	1
359	Carter, William Thomas.....	Illinois.....	Sept. 17, 1929	19	0
420	Chambers, Lester Smith.....	Alabama.....	July 8, 1929	17	5
*14	Chambliss, Allan McLane.....	Maryland.....	July 31, 1929	17	8
392	Champe, Joseph Elbert.....	West Virginia.....	July 22, 1929	17	6
36	Chase, Jay Valentine.....	At large (Pres.).....	June 13, 1929	18	7
102	Cheatham, Benjamin Ballard.....	Florida.....	June 18, 1929	18	7
482½	Chilton, Edwin Harlan.....	Oregon.....	June 28, 1929	18	10
219	Christ, Harold Frank.....	Wisconsin.....	June 20, 1929	19	6
181	Christie, Warren Byron.....	Missouri.....	do.....	17	6
123	Christopher, Thomas Aloysius.....	New Jersey.....	June 17, 1929	18	1
496	Clark, Albert Hobbs.....	Maine.....	do.....	18	6
333	Clark, Walter Lucas, jr.....	Vermont.....	July 1, 1929	17	3
218	Clementson, Merrill Kinsell.....	Pennsylvania.....	Aug. 26, 1929	19	6
116	Climie, James Fraser.....	Alaska.....	July 29, 1929	19	10
176	Cobb, James Outtersen.....	California.....	June 28, 1929	19	6
407	Coffey, William Augustus.....	West Virginia.....	July 5, 1929	20	3
453	Cole, Everett Bush.....	California.....	June 28, 1929	19	2
325	Coleman, Garrett Steele.....	do.....	July 17, 1929	18	6
266	Coleman, Robert Benjamin.....	New York.....	July 6, 1929	19	10
487	Conley, William Joseph.....	Massachusetts.....	June 21, 1929	19	6
47	Connolly, Thomas Francis.....	California.....	July 1, 1929	19	8
214	Conwell, Lester Cameron.....	Iowa.....	June 14, 1929	18	8
†502	Cooper, Ernest Greene, jr.....	Maryland.....	do.....	18	5
227	Copeland, Richard Goodwin.....	Massachusetts.....	July 1, 1929	20	3
315	Costello, Joseph Patrick.....	New York.....	June 17, 1929	18	1
202	Coye, John Starr, jr.....	Delaware.....	June 14, 1929	18	2
349	Craven, Conrad Winfield.....	California.....	June 26, 1929	19	9
500	Crawford, Max Edward.....	Illinois.....	June 24, 1929	17	1
184	Crenshaw, William Graves, 3d.....	Virginia.....	June 18, 1929	18	8
4494	Criswell, Robert Parker.....	California.....	June 14, 1929	19	9

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	8.32	23.88	12.36	11.34	9.17	11.97	77.04
2	23	9.93	26.60	13.94	12.80	10.62	11.67	85.56
2	23	10.07	25.76	13.20	13.20	9.98	11.76	83.97
2	23	8.49	21.44	10.74	11.58	9.26	12.00	73.51
2	23	9.64	23.40	11.78	12.00	9.58	11.61	78.01
2	23	8.54	20.72	10.20	10.46	7.79	10.80	68.51
2	23	9.42	26.92	13.44	12.92	10.89	9.81	83.40
2	23	9.35	23.40	11.84	12.44	9.43	11.73	78.19
2	23	7.76	22.72	12.48	11.16	9.50	10.29	73.01
2	9	9.65	26.12	13.68	12.30	9.28	11.70	82.73
2	23	8.31	23.72	10.64	11.42	10.22	11.04	75.35
2	23	7.95	22.32	11.60	11.12	8.80	11.61	73.40
2	23	8.67	21.04	10.60	11.98	8.70	11.28	72.27
2	23	8.47	22.16	11.92	11.88	8.17	11.79	74.39
2	23	11.18	27.48	14.12	13.50	10.90	11.19	88.37
2	23	7.90	22.76	11.14	11.64	9.98	11.16	74.58
2	23	9.05	22.12	13.24	12.64	8.88	11.25	77.18
2	23	9.42	22.76	13.14	11.92	10.02	11.70	78.96
2	23	9.05	24.40	13.38	11.54	10.61	11.70	80.68
2	23	8.90	23.68	12.74	11.86	10.19	12.00	79.37
2	23	8.88	23.12	12.82	10.98	8.56	11.88	76.24
2	23	9.04	22.36	11.88	11.16	8.06	11.67	74.17
2	23	9.35	23.24	12.30	10.96	8.76	12.00	76.61
2	23	9.43	24.72	11.66	12.76	9.18	11.73	79.48
2	9	7.64	22.96	12.08	13.24	9.36	11.67	76.95
2	23	9.41	22.96	11.28	11.04	8.71	10.47	73.87
0	0	8.02	22.64	12.34	11.34	6.54	11.70	72.58
2	23	8.65	28.72	14.10	13.82	10.39	11.70	87.38
2	23	7.84	21.16	10.50	11.74	10.55	11.55	73.34
2	23	9.53	28.68	13.30	11.80	10.84	10.20	84.35
2	23	8.68	25.24	12.68	11.56	9.97	11.97	80.10
2	23	7.67	20.60	10.52	11.56	8.85	11.31	70.51
2	23	8.12	23.32	12.58	11.60	9.46	11.91	76.99
2	23	8.94	22.96	12.54	11.96	9.77	11.64	77.81
2	23	8.83	25.12	12.36	11.46	9.97	11.67	79.41
2	23	7.70	20.36	11.12	10.86	8.17	11.55	69.76
2	23	7.82	21.72	11.78	11.88	9.32	11.88	74.40
2	23	8.76	23.24	12.56	11.66	9.11	11.67	77.00
2	23	8.59	24.08	13.86	11.30	10.19	11.61	79.63
2	23	10.10	22.88	11.56	12.18	9.68	11.58	77.98
2	23	8.98	21.48	10.98	11.86	8.00	11.79	73.09
2	23	7.86	22.08	10.94	10.94	8.25	11.46	71.53
2	23	8.07	22.40	11.38	11.40	9.45	11.88	74.58
2	23	8.23	22.20	11.90	12.14	9.86	11.49	75.82
2	23	8.50	20.44	10.82	10.60	8.23	11.67	70.26
2	23	8.90	25.76	13.62	13.32	11.67	10.44	83.71
2	23	8.91	23.00	12.54	11.76	9.05	11.79	77.05
2	23	8.98	21.00	10.46	9.92	7.97	11.16	69.49
2	23	8.44	22.88	11.84	12.34	9.13	11.94	76.77
2	23	8.02	22.40	11.26	11.34	10.18	11.55	74.75
2	23	9.48	24.20	12.44	11.22	8.73	11.22	77.29
2	23	8.28	21.84	11.64	11.86	9.07	11.37	74.06
2	23	8.40	21.12	10.48	11.48	7.72	10.32	69.52
2	23	8.35	21.72	12.78	13.02	9.97	11.91	77.75
2	23	7.60	21.84	11.04	10.20	7.50	11.79	69.97

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
204	Croghan, John Alvin.....	New York.....	June 22, 1928	19	11
361	Cronin, Paul Christopher.....	New Jersey.....	June 17, 1929	19	8
294	Cumming, David Robert.....	Georgia.....	June 15, 1929	19	11
140	Cundiff, Charles Reed.....	Kentucky.....	Aug. 26, 1929	20	2
*15	Curtis, Robert William.....	Michigan.....	June 13, 1929	18	10
*17	Curtze, Charles August.....	Pennsylvania.....	June 14, 1929	18	2
525	Cygon, John Armstrong.....	Kansas.....	June 20, 1929	17	0
298	Davenport, Edgar Monroe.....	California.....	July 5, 1929	19	7
356	Davenport, Roy Milton.....	Kansas.....	June 14, 1929	20	0
390	Davis, David William, jr.....	Idaho.....do.....	do.....	19	6
45	Davis, Lewis Milton, jr.....	New York.....	June 20, 1929	19	0
421	Davis, Nathaniel Burt, jr.....	Massachusetts.....	July 1, 1929	17	10
224	Davis, Ray.....	Louisiana.....do.....	do.....	17	2
264	Dawes, Robert Alden, jr.....	At large (Pres.).....	June 13, 1929	17	7
69	Dawson, William Lockhart.....	Florida.....do.....	do.....	19	3
323	DeMeria, Matthew.....	New Jersey.....	June 24, 1929	19	0
415	Denny, James Beattie.....	Kentucky.....	June 14, 1929	19	5
329	Denton, William Thomas.....	Texas.....	June 13, 1929	18	4
182	Derickson, Richard Barnett, jr.....	Washington.....	June 21, 1929	19	9
436	Dew, Irvin Lowell.....	Oregon.....	June 18, 1929	18	10
41	Dietz, James Stratton.....	Ohio.....	July 1, 1929	18	3
97	Dillon, John Richard.....	Maine.....	July 15, 1929	18	4
153	Dillon, Richard Joseph, jr.....	New York.....	June 22, 1929	17	10
439	Dolan, Francis Arliegh.....	Minnesota.....	June 17, 1929	18	5
4524	Donovan, Milton Daniel.....	California.....	Sept. 26, 1929	19	8
137	Drake, Francis Rodman.....	Oklahoma.....	June 18, 1929	20	0
468	Drescher, Carl George.....	Illinois.....	July 15, 1929	18	9
279	Driver, Orvil Leonard.....	California.....	June 28, 1929	18	2
50	Drustrup, Norman James.....	At large (Pres.).....	June 13, 1929	17	1
313	Duff, Howard Carlton.....	Texas.....do.....	do.....	19	0
492	Duke, Paul Douglas.....	North Carolina.....	July 5, 1929	18	1
251	Dunagan, Glenn Lewis.....	New Mexico.....	June 25, 1929	19	11
130	Duncan, Charles Kenney.....	Kentucky.....	June 14, 1929	17	6
262	Duncan, Turner Alonzo.....	Missouri.....	Aug. 26, 1929	19	8
192	Easton, Willard Arnold.....	Rhode Island.....do.....	do.....	19	1
470	Eberhardt, Joseph.....	New Jersey.....	June 26, 1929	20	1
74	Edwards, Albert Earl.....	Nevada.....	July 11, 1929	17	9
106	Elder, Adrian Maxwell.....	Iowa.....	June 24, 1929	17	9
167	Elliott, James Meacham.....	Michigan.....	June 13, 1929	20	2
493	Ellis, Paul Darnell, jr.....	Georgia.....	June 20, 1929	17	11
206	Ellison, James McMechan, jr.....	Missouri.....	Aug. 26, 1929	19	5
444	English, Richard Barker.....	Pennsylvania.....	June 18, 1929	18	5
257	Enright, Joseph Francis.....	North Dakota.....	June 17, 1929	18	9
352	Erck, Leo Herman.....	Nebraska.....	June 24, 1929	19	10
196	Erwin, William Edward, jr.....	Colorado.....	June 19, 1929	20	3
172	Espenas, Arthur Krag.....	New York.....	June 13, 1929	19	6
214	Fair, Robert Eli.....	Ohio.....	Aug. 16, 1929	18	3
r526	Farrow, Wayne Lewis.....	California.....	June 28, 1929	19	9
312	Ferguson, Glover Trenholm.....	Maryland.....	Aug. 27, 1929	17	2
370	Ferguson, James DuGue.....	do.....	July 2, 1929	18	10
376	Fernald, Frank Stanford.....	Texas.....	July 16, 1928	19	9
162	Fielder, Charles William.....	Kansas.....	June 28, 1929	19	5
290	Fleischli, Clarence Aloysius.....	Illinois.....	June 29, 1929	19	3
111	Foerster, Robert Samuel.....	do.....	July 5, 1929	18	4
243	Foote, Hugie Lee, jr.....	Mississippi.....	June 25, 1929	17	9

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	8.37	21.96	11.92	12.24	11.34	11.43	77.26
2	9	8.29	21.92	11.54	11.36	9.21	11.52	73.84
2	23	8.70	21.64	11.22	12.44	9.92	11.23	75.20
2	23	10.53	23.76	13.98	10.80	9.16	10.68	78.91
2	9	11.14	26.92	13.84	12.98	10.39	11.91	87.18
2	23	10.45	27.52	14.10	12.88	10.39	11.73	87.07
2	23	7.96	20.44	10.24	10.34	7.67	10.29	66.94
2	23	8.38	21.92	10.92	12.12	10.52	11.28	75.14
2	23	9.73	23.84	10.90	10.08	7.54	11.79	73.88
2	23	8.87	22.52	11.54	10.48	8.10	11.85	73.36
2	23	10.42	24.16	13.52	12.86	11.31	11.52	83.79
2	23	8.44	21.80	11.58	10.62	8.26	11.79	72.49
2	23	8.08	23.00	13.02	12.32	8.97	11.43	76.82
2	23	8.61	21.92	10.86	12.36	10.70	11.40	75.85
2	9	9.70	24.68	13.60	12.04	10.29	11.88	82.19
2	23	8.43	21.60	11.74	11.86	9.21	11.76	74.60
2	9	7.88	22.08	10.62	11.80	8.42	11.85	72.65
2	23	8.10	22.68	12.42	11.20	8.71	11.43	74.54
2	23	9.79	22.20	10.98	12.30	10.64	11.88	77.79
2	23	7.71	20.60	10.48	12.14	9.31	11.79	72.03
2	23	9.20	25.56	13.76	14.00	10.19	11.34	84.05
2	23	9.13	24.84	12.46	12.48	9.58	11.88	80.37
2	23	9.02	24.40	11.80	11.48	10.06	11.70	78.46
2	23	8.23	21.12	11.18	11.58	8.33	11.49	71.93
0	0	7.64	19.80	9.88	10.46	7.69	11.55	67.02
2	23	9.18	23.72	12.18	12.00	10.18	11.76	79.02
2	23	8.06	20.40	11.04	11.76	8.05	11.58	70.89
2	8	7.73	22.44	11.00	12.48	10.13	11.67	75.45
2	23	9.05	24.72	12.80	13.50	11.28	11.85	83.20
2	23	8.07	22.36	10.98	12.72	8.88	11.76	74.77
2	23	7.65	21.16	10.86	10.70	8.19	11.52	70.08
2	9	8.77	23.12	12.02	11.18	9.75	11.28	76.12
2	23	8.59	23.48	12.64	12.66	10.30	11.58	79.25
2	23	9.40	22.56	11.64	11.72	8.75	11.85	75.92
1	20	10.09	22.16	11.58	11.80	10.54	11.43	77.60
2	23	8.46	20.20	11.76	10.32	8.66	11.43	70.83
2	23	10.27	25.00	13.24	11.68	10.05	11.58	81.82
2	23	8.72	23.84	12.36	13.08	10.09	11.82	79.91
2	23	8.84	22.96	12.38	12.64	9.58	11.73	78.13
2	23	7.68	21.12	10.46	11.12	7.92	11.70	70.00
2	23	8.71	24.88	12.26	11.18	8.38	11.82	77.23
2	23	9.42	21.28	10.38	10.24	8.93	11.58	71.83
2	23	8.80	23.48	12.40	11.36	8.14	11.85	76.03
2	9	8.54	21.64	11.62	11.32	9.21	11.70	74.03
2	23	8.86	22.72	12.50	11.72	9.97	11.76	77.53
1	20	9.57	24.16	12.36	11.04	9.05	11.85	78.03
2	23	9.18	23.92	12.48	10.70	9.13	11.64	77.05
0	0	7.57	18.84	9.48	11.58	7.81	11.37	66.65
2	23	7.78	22.48	11.42	11.86	9.40	11.85	74.79
2	23	8.42	21.40	10.80	11.92	9.56	11.65	73.75
2	23	8.75	21.68	10.92	11.18	9.68	11.46	73.67
2	23	8.16	24.04	12.84	12.34	9.49	11.34	78.21
2	23	7.97	22.00	11.76	13.46	8.95	11.13	75.27
2	23	9.83	24.04	12.68	11.78	9.78	11.67	79.78
2	23	9.68	23.40	12.98	11.92	7.72	10.62	76.32

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
44	Fortune, James Hunter, jr.....	Ohio.....	June 18, 1929	18	0
89	Fortune, William Charles.....	New York.....	July 15, 1929	18	4
359	Foster, Everett Joseph.....	California.....	June 21, 1929	18	10
362	Fowler, Oliver Noah.....	Texas.....	June 18, 1929	17	10
100	Fox, Henry Hugo, jr.....	Missouri.....	June 17, 1929	16	5
234	Franklin, James Gilbert.....	Pennsylvania.....	June 20, 1929	17	11
485	Fredericks, Edward Herman Charles.....	North Dakota.....do.....	.....do.....	17	4
235	Fritter, Charles Taylor.....	Ohio.....	July 11, 1929	19	11
292	Fuller, Donald Walker.....	Massachusetts.....	June 17, 1929	18	3
363	Fulmer, Herbert Samuel, jr.....	Missouri.....	July 5, 1929	17	1
345	Fulton, Raymond Lester.....	Pennsylvania.....	June 14, 1929	19	1
155	Funk, William Glunt.....	Colorado.....	June 24, 1929	18	6
283	Fusselman, Raymond Dennis.....	Ohio.....	June 18, 1929	18	9
*31	Galantin, Ignatius Joseph.....	Illinois.....	June 13, 1929	18	9
*1	Gallagher, Robert Anthony.....	Pennsylvania.....	June 18, 1929	19	4
131	Gallaher, Antone Renkl.....	Georgia.....	July 5, 1929	19	11
292	Gallery, Joseph Daniel.....	Massachusetts.....	July 9, 1929	17	5
73	Gambling, Norman William.....	New Jersey.....	July 8, 1929	18	6
62	Gamon, John Arthur, jr.....	Illinois.....	June 14, 1929	18	10
58	Garnett, Philip Weaver.....	.....do.....	June 20, 1929	18	0
*4	Garrels, Robert Ernest.....	California.....	June 13, 1929	19	11
249½	Garrison, Charles Ford.....	At large (Pres.).....	July 12, 1929	18	6
148	Garrott, Martin Ruch.....	New York.....	July 1, 1929	18	3
469	Garth, Craig Ransom.....	Missouri.....	June 18, 1929	19	11
274	Gazlay, Richard Clarke.....	Illinois.....	July 1, 1929	19	8
h520	Geist, John Willard.....	Pennsylvania.....	June 26, 1929	20	0
*22	Gibbons, Robert Martin.....	.....do.....	June 21, 1929	19	4
201	Gill, Frank Benton.....	Nevada.....	June 18, 1929	18	8
203	Glenn, Elmer Ford.....	Oregon.....	June 28, 1929	19	9
348	Gorman, Verne Dwight.....	Nebraska.....	June 18, 1929	18	11
109	Grady, James Bizzell.....	North Carolina.....	July 5, 1929	19	6
389	Graham, Luther Boyd.....	West Virginia.....do.....	.....do.....	19	6
446	Grant, Carl Edward.....	Vermont.....	July 8, 1929	18	1
h463	Green, John Cawley.....	P. A. 348 (Pres.).....	June 24, 1929	19	4
445	Gregor, George Donald.....	Pennsylvania.....	July 16, 1929	19	4
299	Grikscheit, Henry William.....	Michigan.....	July 15, 1929	18	5
455	Grimm, Edward Elias.....	Pennsylvania.....	July 8, 1929	18	7
*26	Grubbs, DeWitt Clinton Tucker, jr.....	Kentucky.....	June 21, 1929	18	9
105	Hagemeister, Bruce Frederick.....	Nebraska.....	June 28, 1929	19	5
103	Hahn, Henry Bentley.....	Texas.....do.....	.....do.....	19	3
h452	Hamer, John Byron.....	Maryland.....	Aug. 26, 1929	20	1
h	Hampton, Isaiah Martin.....	Texas.....	June 18, 1929	18	8
86	Hanson, Murray.....	New Mexico.....	July 11, 1929	18	8
167	Happel, Frank Alexander.....	Maryland.....	July 5, 1929	18	4
343	Harby, Donovan Bowman.....	South Carolina.....	June 21, 1929	17	7
63	Hardman, Ward Forrest.....	Missouri.....	June 20, 1929	17	0
138	Harper, Richard Vaughan.....	.....do.....	June 13, 1929	18	7
h	Harper, Thaddeus Stevens, jr.....	.....do.....	June 17, 1929	19	2
482	Harris, Everett John.....	Indiana.....	June 22, 1929	17	8
157	Hartley, Kenneth James.....	New York.....	June 13, 1929	19	3
303	Hartman, Irvin Swander.....	Indiana.....	July 5, 1929	17	10
65	Haskins, Enrique D'Hamel.....	New York.....	June 13, 1929	17	4
82	Hastings, Burden Robert.....	Indiana.....	June 20, 1929	18	11
61	Hatcher, Julian Sommerville, jr.....	At large (Pres.).....	June 14, 1928	17	1
510	Haworth, Karl Frederick.....	Massachusetts.....do.....	.....do.....	19	0

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	9.41	27.20	13.70	12.56	9.14	11.88	83.89
2	23	8.94	25.00	12.44	12.70	9.92	11.73	80.73
2	23	8.21	22.16	11.14	11.96	8.88	11.52	73.87
2	23	9.09	22.08	12.32	10.46	7.91	11.97	73.83
2	23	10.04	26.00	11.30	12.12	9.08	11.70	80.24
2	23	9.16	23.92	12.02	11.14	8.65	11.67	76.56
2	23	8.91	20.64	10.36	10.60	8.22	11.64	70.37
2	23	8.28	23.24	12.12	11.82	9.14	11.94	76.54
2	23	8.77	23.56	11.36	11.60	8.68	11.25	75.22
2	23	8.77	22.56	11.84	10.62	9.64	10.38	73.81
2	23	9.42	22.96	11.72	10.38	7.78	11.85	74.11
2	23	9.02	24.56	12.18	12.34	8.70	11.61	78.41
2	23	8.56	23.28	10.60	11.48	10.09	11.37	75.38
2	23	10.37	25.72	12.66	13.14	11.36	11.91	85.16
2	23	10.54	30.68	14.96	12.92	11.57	11.31	91.98
2	23	8.93	25.60	13.16	11.76	8.42	11.34	79.21
2	23	7.95	23.88	10.38	11.46	9.73	11.82	75.22
2	23	8.60	25.44	13.46	13.54	10.87	9.93	81.84
2	23	9.91	26.08	13.12	12.00	9.71	11.73	82.55
2	23	9.89	26.60	11.94	12.34	10.24	11.73	82.74
2	23	11.32	28.72	14.30	12.06	11.08	12.00	89.48
2	23	8.58	22.04	12.06	12.50	9.69	11.28	76.15
2	23	9.13	24.76	11.78	11.26	9.83	11.76	78.52
2	23	7.78	21.00	10.76	11.70	8.15	11.46	70.85
2	23	10.59	21.40	11.02	11.90	8.71	11.97	75.59
0	0	7.62	19.32	10.16	10.94	7.47	11.70	67.21
2	23	10.82	26.56	14.20	12.52	10.74	11.10	85.94
2	23	9.55	23.00	13.02	11.64	8.27	11.88	77.36
2	23	9.14	22.36	11.68	12.08	10.26	11.76	77.28
2	23	8.17	21.80	11.12	11.66	9.52	11.82	74.09
2	23	8.74	25.16	13.28	11.78	9.14	11.76	79.86
2	23	8.92	22.80	11.34	10.92	7.87	11.52	73.37
2	23	8.37	20.72	9.96	11.54	9.65	11.49	71.73
2	23	8.39	20.48	10.72	12.16	8.61	10.68	71.04
2	23	8.02	21.48	10.62	11.22	8.46	11.94	71.74
2	23	10.41	23.00	10.80	11.04	8.26	11.61	75.12
2	23	7.65	20.32	11.10	11.00	9.39	11.85	71.31
2	23	9.61	27.24	13.32	12.22	11.65	11.55	85.59
2	23	9.78	25.52	12.68	11.66	8.87	11.49	80.00
2	23	8.85	25.12	12.08	11.90	10.37	11.76	80.08
2	23	7.55	21.08	11.10	11.44	8.47	11.94	71.58
0	0	(a)	(a)	(a)	(a)	(a)	10.71	Inc.
2	23	9.45	25.08	12.38	12.18	10.95	10.95	80.99
2	9	9.30	23.96	12.26	11.82	9.24	11.55	78.13
2	23	8.57	22.72	11.28	12.22	8.41	10.95	74.15
2	23	9.15	24.60	13.28	13.42	10.57	11.52	82.54
2	23	9.59	24.72	12.90	11.38	8.59	11.79	78.97
0	0	(a)	(a)	(a)	(a)	(a)	11.61	Inc.
2	23	8.65	21.24	10.50	10.58	7.83	11.73	70.53
1	20	9.38	23.44	11.88	12.52	9.26	11.88	78.36
2	23	9.94	23.60	11.06	10.56	8.04	11.79	74.99
2	23	8.37	26.00	13.30	12.86	10.50	11.40	82.43
2	23	8.64	24.56	12.98	12.74	10.43	12.00	81.35
2	23	9.61	24.88	13.74	12.12	10.71	11.55	82.61
2	23	8.45	20.24	11.04	11.58	7.40	10.17	68.88

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
364	Hayden, Eugene Benjamin.....	Kentucky.....	July 1, 1929	18	7
382	Hayden, Reynolds Howard.....	Maryland.....	July 5, 1929	18	1
275	Heath, Clinton Janes.....	North Dakota.....	do.....	18	10
476	Heileman, Lawrence Frederick.....	Iowa.....	June 14, 1929	18	10
*23	Heinz, Luther Carl.....	Pennsylvania.....	July 8, 1929	17	1
197	Hessel, John Walter.....	Ohio.....	July 1, 1929	17	11
304	Hight, John Milton.....	Arizona.....	do.....	17	10
321	Hills, Bish Charles.....	Kansas.....	June 14, 1929	18	10
345	Hird, Robert Calvin Howe.....	At large (Pres.).....	July 2, 1929	17	11
r278	Holland, Harvison Catlin.....	Iowa.....	July 1, 1929	17	9
†523	Honnold, Isaac Preston.....	Illinois.....	June 14, 1929	18	8
h497	Houck, Ray Wallen.....	Kansas.....	June 28, 1929	18	8
*21	Howard, Ezra Gleeson.....	Alabama.....	do.....	18	5
423	Howard, John Marshall Bowyer.....	Maryland.....	July 5, 1929	17	5
332½	Howell, William Smith.....	Illinois.....	July 1, 1929	18	5
411	Hudson, George Keith.....	Mississippi.....	June 21, 1929	17	9
477	Hunt, William Andrew, jr.....	North Carolina.....	July 1, 1929	19	5
h	Hunter, Percival, jr.....	Illinois.....	July 29, 1929	19	10
310	Ifrig, Francis Othmar.....	Missouri.....	June 17, 1929	18	5
402	Ingels, Albert Clayton.....	Ohio.....	June 20, 1929	18	9
h521	Ingling, Alan Lloyd.....	Pennsylvania.....	Aug. 12, 1929	18	9
135	Isely, Robert Henry.....	Kansas.....	June 24, 1929	19	6
325	Jackson, Charles Barzellious, jr.....	Arkansas.....	June 20, 1929	19	1
314	Jackson, Edward Frank.....	Massachusetts.....	June 21, 1929	18	11
57	Jacoby, Raymond Bernard.....	New York.....	July 1, 1929	19	1
46	Jahncke, Ernest Lee, jr.....	Louisiana.....	June 18, 1929	16	10
430	James, Elliott Lindsay, jr.....	Alabama.....	June 20, 1929	18	5
515	Jenkins, Robert John.....	Wisconsin.....	June 15, 1929	19	11
w	Johnston, Dewey George.....	Oklahoma.....	July 22, 1929	19	6
378	Jones, Arthur Collins.....	Kansas.....	do.....	18	9
318	Jones, Carlton Benton.....	Colorado.....	June 15, 1929	20	1
517	Jones, Floyd Ross.....	Wisconsin.....	June 20, 1929	16	11
516	Jones, James Elmer.....	Missouri.....	July 24, 1929	20	2
270	Jones, Thomas Arthur.....	Indiana.....	July 11, 1929	19	3
364	Jordan, James Langford.....	California.....	June 26, 1929	19	11
265	Jurika, Stephen, jr.....	do.....	June 21, 1929	19	0
91	Kane, William Richard.....	do.....	June 14, 1929	18	0
268	Kastein, James George.....	Wisconsin.....	do.....	19	0
423	Kauffman, Draper Laurence.....	Ohio.....	Aug. 12, 1929	18	0
75	Keating, Robert Allen, jr.....	Massachusetts.....	June 18, 1929	17	5
382	Kefauver, Russell.....	New York.....	June 21, 1929	17	10
449	Keller, Clarence Armstrong, jr.....	Kansas.....	June 13, 1929	19	0
316	Kengla, William Archibald.....	Dist. of Columbia.....	June 25, 1929	19	0
236	Kibbe, Richard Lucius.....	Florida.....	June 18, 1929	18	5
39	Kiergan, Nova Babb, jr.....	Missouri.....	June 13, 1929	18	11
164	Kimball, Leland Porter, jr.....	Pennsylvania.....	June 18, 1929	18	5
h506	Kimbell, Henry Tyus, jr.....	Oklahoma.....	June 20, 1929	19	3
454	King, Charles Emmett.....	Ohio.....	Aug. 19, 1929	17	2
399	Kirby, Charles Calvert.....	At large (Pres.).....	June 13, 1929	18	2
173	Klinsman, George Otto.....	North Dakota.....	June 20, 1929	18	10
*25	Klopp, John Albert.....	Illinois.....	June 14, 1929	17	5
h495	Knapp, Gerald Anton.....	Washington.....	June 28, 1929	19	1
351	Koch, George Price.....	Pennsylvania.....	July 1, 1929	19	0
322	Koenig, Joseph William.....	Louisiana.....	June 14, 1929	19	6
397	Kuehl, Howard Frank.....	Wisconsin.....	June 18, 1929	19	6

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	8.50	21.40	12.02	11.76	8.45	11.67	73.80
2	23	9.00	22.44	10.06	11.36	9.36	11.28	73.50
2	23	8.23	22.60	12.50	12.20	8.37	11.67	75.57
2	9	7.68	20.68	11.20	11.24	8.45	11.46	70.71
2	23	10.26	28.64	13.98	12.70	8.97	11.22	85.77
2	23	9.07	23.76	12.20	10.84	9.84	11.73	77.44
2	23	9.29	21.40	11.82	11.84	8.90	11.73	74.98
2	23	8.73	23.12	12.72	11.50	8.31	11.25	75.63
2	23	10.40	23.12	10.18	11.10	8.06	11.25	74.11
0	0	9.16	23.20	11.40	11.08	8.74	11.88	75.46
2	23	7.65	20.24	10.44	10.50	7.52	10.68	67.03
0	0	6.46	20.80	10.90	11.94	7.99	11.64	69.73
2	23	9.84	28.16	13.78	12.76	9.49	11.94	85.97
2	3	8.62	21.56	10.68	11.70	8.41	11.49	72.46
2	23	9.09	21.52	12.30	12.08	8.20	11.25	74.44
2	23	7.79	21.44	11.38	11.34	9.27	11.73	72.95
2	23	7.67	21.48	11.32	11.64	8.22	10.32	70.65
0	0	(a)	(a)	(a)	(a)	(a)	11.82	Inc.
2	23	8.21	23.08	12.60	11.40	8.89	10.68	74.86
2	9	8.10	22.44	11.42	11.32	8.40	11.52	73.20
0	0	7.34	19.32	10.26	11.00	7.55	11.61	67.08
2	23	9.52	25.80	11.22	12.30	8.42	11.79	79.05
2	23	7.47	21.88	11.34	12.68	9.21	12.00	74.58
2	23	9.29	22.24	12.00	10.78	8.11	11.34	74.76
2	23	10.38	24.92	12.66	12.50	10.75	11.70	82.91
2	23	9.04	25.72	13.16	13.26	10.94	11.61	83.73
2	23	7.84	22.28	11.82	11.32	8.40	10.59	72.25
2	23	7.46	20.64	10.56	10.58	7.65	11.40	68.29
0	0	(a)	(a)	(a)	(a)	(a)	11.04	Inc.
2	23	9.36	21.16	10.72	12.16	8.58	11.64	73.62
2	23	8.58	21.40	12.72	11.32	8.91	11.76	74.69
2	23	7.93	20.52	10.30	10.68	7.56	10.53	67.52
2	23	8.04	19.76	10.40	11.62	8.38	9.90	68.10
2	23	10.01	22.80	11.78	10.92	8.47	11.67	75.65
2	23	8.18	21.76	11.64	12.54	9.42	10.26	73.80
2	23	8.13	23.00	11.56	11.98	9.65	11.52	75.84
2	9	8.20	23.96	12.24	13.16	11.20	11.91	80.67
2	23	8.69	22.72	11.60	11.84	9.43	11.46	75.74
2	23	7.90	22.84	10.52	11.76	9.18	10.26	72.46
2	23	9.30	24.92	13.14	11.92	10.66	11.82	81.76
2	23	7.99	22.20	11.26	11.08	9.51	11.46	73.50
2	23	8.76	20.88	10.58	11.00	8.49	11.97	71.68
2	23	8.30	21.20	11.96	12.08	9.34	11.85	74.73
2	9	9.85	22.92	12.14	11.52	8.97	11.13	76.53
2	23	10.33	26.00	13.54	12.58	9.69	12.00	84.14
2	23	9.14	25.40	12.10	11.50	8.50	11.55	78.19
0	0	7.59	20.12	10.28	11.04	8.35	11.88	69.26
2	23	8.11	20.88	10.64	11.52	8.38	11.85	71.38
2	23	7.64	22.20	11.00	12.34	9.57	10.47	73.22
1	20	8.58	23.48	12.98	12.04	9.65	11.28	78.01
2	23	11.14	25.84	13.60	12.98	10.30	11.76	85.62
0	0	7.91	19.52	10.14	11.64	9.56	11.07	69.84
2	23	9.60	22.76	11.84	10.66	8.03	11.16	74.05
2	23	8.89	22.36	11.56	11.58	8.61	11.61	74.61
2	23	7.97	22.08	11.38	11.84	8.52	11.46	73.25

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
238	Kuhn, Lawrence Charles	Pennsylvania	June 18, 1929	18	10
166	Lacey, Donald Orr	South Dakota	do	19	5
512	LaCombe, Joseph Leer	Louisiana	June 15, 1929	20	1
60	Laird, George Hays, jr	West Virginia	do	18	0
*11	Lambert David	Massachusetts	June 13, 1929	17	1
70	Lane, Richard	Minnesota	June 20, 1929	17	6
66	Laughon, Willard Ross	West Virginia	July 5, 1929	18	5
37	Leach, Robert William	Massachusetts	July 11, 1929	18	4
*30	Lee, Edward Percy, jr	Kentucky	June 13, 1929	19	2
405	Lee, Lamar, jr	Virginia	June 26, 1929	18	2
64	Lehman, John Samuel	Utah	Sept. 5, 1929	16	9
193	Leon, Hayden Louis	North Carolina	June 21, 1929	17	8
471	Leverenz, Roy Fred	Michigan	July 24, 1928	18	10
4528	Lewis, Hugh Howard	Texas	July 17, 1929	18	9
193	Lindsay, Harry Meakin, jr	New York	Aug. 19, 1929	19	1
104	Linson, Ross Garner	Nebraska	June 13, 1929	18	4
173	List, Frank Voris	Washington	June 28, 1929	19	3
356	Long, Elmer Cecil	Illinois	July 5, 1929	18	7
467	Long, Thomas Albert	California	July 15, 1929	19	3
297	Longshore, Frederick Kime	Pennsylvania	July 5, 1929	18	1
242	Lord, Edwin Elmer, 3d	do	July 31, 1929	18	6
398	Loughlin, Charles Elliott	P. A. 348 (Pres.)	June 21, 1929	19	4
337	Lovci, John Carter	California	June 28, 1929	18	11
134	Loveland, Kenneth	Utah	June 30, 1928	18	8
465	Lunsford, John Edgar	Tennessee	June 18, 1929	18	6
33	Lusey, Michael Joseph	Maine	July 23, 1929	17	3
409½	Lyon, Thomas Emery	Kentucky	June 13, 1929	17	11
51	MacDonald, Harold Alexander	Pennsylvania	do	19	9
208	Macdonald, William Ruley	New York	June 20, 1929	16	8
259	MacIntosh, Donald Ehle	Massachusetts	June 13, 1929	18	9
80	MacKenzie, Michael Vincent	do	July 15, 1929	17	11
200	Macpherson, Robert Anthony	New Mexico	June 17, 1929	19	1
*6	Madden, Robert Bowman	Pennsylvania	June 24, 1929	16	10
128	Magnell, Alfred Thomas	Connecticut	June 26, 1929	18	1
451	Magoffin, Robert Earl	Missouri	June 17, 1929	19	7
301	Mahoney, Martin Joseph	Oklahoma	June 20, 1929	18	0
*18	Majewski, Louis John	Illinois	June 13, 1929	18	6
335	Malayter, John Stephen	New York	Aug. 26, 1929	20	2
410	Mandarich, Steve	California	June 14, 1929	18	3
161	Manning, Joseph Ignatius	Massachusetts	June 18, 1929	18	6
230	Marks, Laurence Hall	Alabama	July 1, 1929	18	3
454½	Marlowe, Robert Aloysius	California	June 29, 1929	18	10
267	Marshall, George Kossuth	Massachusetts	June 17, 1929	16	10
483	Martin, James Leo	do	July 1, 1929	17	10
189	Martineau, David Louis	Illinois	June 14, 1929	18	6
213	Martineau, Paul William	New York	July 15, 1929	18	5
252	Masters, James Marvin, jr	South Carolina	June 18, 1929	18	0
422	Masterton, Paul	New Jersey	July 8, 1929	17	6
395	Mathes, Samuel Rhea	Alabama	July 5, 1929	18	3
527	Maxwell, Thomas Lawson	Georgia	June 13, 1929	17	8
198	Mayberry, Dale	Kansas	do	20	2
99	Maynard, Harry Clark	Massachusetts	July 5, 1929	18	8
110	McAfee, Robert	New York	June 24, 1929	19	4
268	McAllister, John Anderson	Georgia	Aug. 26, 1929	19	1
392	McCampbell, David	Florida	July 31, 1929	19	7

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
Maximum								
Months	Days	12	32	16	16	12	12	100
2	23	8.72	22.48	12.56	12.04	8.89	11.82	76.51
2	23	8.60	23.28	13.50	12.80	8.08	11.88	78.14
2	9	7.95	20.40	10.62	11.26	8.11	10.41	68.75
2	23	10.12	26.04	13.30	11.56	10.18	11.43	82.63
2	23	9.68	27.20	14.06	13.24	11.47	12.00	87.65
2	23	8.82	24.40	13.02	13.16	10.99	11.76	82.15
2	23	8.50	25.36	13.58	13.04	10.11	11.76	82.35
2	23	10.01	25.52	13.60	12.86	10.66	11.67	84.32
2	23	10.19	26.16	14.18	12.70	10.17	11.85	85.25
2	23	7.90	22.20	11.26	11.38	8.90	11.46	73.10
2	23	10.14	28.12	13.56	10.56	9.37	10.77	82.52
2	23	10.56	22.84	11.78	12.14	8.94	11.31	77.57
2	23	8.16	21.44	11.26	10.82	8.46	10.68	70.82
0	0	6.73	19.16	9.70	10.98	8.78	10.02	65.37
2	23	8.91	22.80	12.20	12.06	10.92	10.68	77.57
2	8	9.87	24.60	12.38	12.30	9.14	11.73	80.02
2	23	9.55	24.28	11.66	11.52	9.30	11.70	78.01
2	23	8.28	22.16	10.56	11.36	9.52	12.00	73.88
2	23	8.66	20.76	10.76	10.86	8.35	11.52	70.91
2	23	8.62	22.80	11.16	11.80	8.88	11.91	75.17
2	23	8.68	23.84	12.16	10.92	8.99	11.76	76.35
2	23	7.65	21.04	10.72	12.62	9.78	11.43	73.24
2	23	8.45	23.84	12.62	11.62	7.72	10.02	74.27
2	23	9.40	25.12	11.92	12.28	9.87	10.47	79.06
2	23	7.79	21.68	10.64	11.34	8.73	10.77	70.95
2	23	9.73	26.16	14.00	12.56	10.75	11.73	84.93
2	23	9.42	20.92	10.98	11.38	8.33	11.97	73.00
2	23	9.16	25.92	13.82	12.90	9.61	11.67	83.08
2	23	8.35	23.20	11.92	12.36	9.80	11.58	77.21
2	23	8.21	23.24	11.72	11.76	9.91	11.10	75.97
2	23	8.73	25.80	13.50	12.34	9.57	11.49	81.43
2	23	8.38	22.92	12.12	12.58	9.76	11.61	77.37
2	23	9.86	29.16	14.38	12.52	11.25	11.67	88.84
2	23	7.80	22.92	12.40	13.10	11.58	11.52	79.32
2	23	7.48	20.52	11.40	12.86	8.02	11.34	71.62
2	23	7.65	22.64	11.94	11.56	9.44	11.82	75.05
2	18	9.45	26.60	13.94	14.32	10.83	11.76	86.90
2	23	9.09	21.40	11.68	11.22	9.19	11.79	74.37
2	9	8.00	21.92	10.88	11.32	9.19	11.67	72.98
2	23	7.57	23.40	11.64	12.94	11.02	11.70	78.27
2	23	8.21	23.40	11.32	12.44	9.84	11.46	76.67
2	23	7.29	20.20	11.40	11.54	9.21	11.70	71.34
2	23	8.53	23.20	12.60	11.56	8.41	11.46	75.76
2	23	7.29	21.08	10.68	11.10	8.51	11.76	70.42
2	23	8.14	23.56	12.44	13.78	9.01	10.74	77.67
2	23	8.80	21.92	12.56	12.36	9.57	11.85	77.06
2	23	8.46	23.08	11.82	12.04	8.73	11.97	76.10
2	23	8.17	21.52	10.66	11.96	8.40	11.76	72.47
2	23	8.72	21.64	12.46	10.80	8.16	11.52	73.30
2	23	7.39	20.24	11.44	10.50	7.76	9.00	66.53
2	23	8.47	23.60	12.14	12.16	9.04	11.97	77.58
2	23	9.61	23.92	11.94	12.68	10.39	11.73	80.27
2	23	9.39	24.36	12.82	11.90	9.67	11.70	79.84
0	0	8.92	23.88	10.84	11.58	8.61	11.91	75.74
2	23	7.81	22.76	11.12	11.26	8.51	11.88	73.34

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
206	McCormack, John Joseph, jr.....	New York.....	June 17, 1929	17	1
272	McCutchan, George Thurston.....	Indiana.....	July 5, 1929	18	7
114	McDougal, David Stockton.....	Minnesota.....	June 18, 1929	17	10
446	McEachern, Paul Theodore.....	Massachusetts.....	June 17, 1929	19	4
254	McGoughran, Joseph Christopher.....	New York.....	July 5, 1929	19	1
332	McKibbin, Hugh Robert.....	Michigan.....	July 15, 1929	18	3
271	McMaster, Fitzhugh.....	South Carolina.....	June 18, 1929	17	7
344	McMillan, Edward Bellamy.....	Michigan.....	Aug. 19, 1929	19	3
437	McMullen, Dillon Robert.....	Pennsylvania.....	July 5, 1929	19	5
510	McNeill, Chauncey.....	West Virginia.....	June 14, 1929	18	2
369	McNenny, Wilbur James.....	South Dakota.....	June 17, 1929	17	10
307	McRae, Robert Hamilton.....	Georgia.....	June 15, 1929	17	6
377	Meneke, Kenneth.....	New York.....	July 5, 1929	20	1
h	Merrill, Ralph Standish.....	Florida.....	June 20, 1929	18	9
408	Metze, Albert Francis.....	Indiana.....	July 5, 1929	19	0
505	Metzger, Edward Francis.....	Massachusetts.....	June 26, 1929	19	0
34	Meyer, Bernard Henry.....	Florida.....	July 5, 1929	19	5
222	Militana, Salvatore Guiseppi.....	New York.....	June 17, 1929	20	0
243	Miller, Clayton Louis.....	Washington.....	June 14, 1929	18	5
142	Miller, Edwin Swain.....	Montana.....	June 21, 1929	18	7
255	Miller, George Harold.....	Indiana.....	June 14, 1929	17	11
475	Miller, William Irvin, jr.....	Kansas.....	do.....	18	10
43	Mohan, Richard Lawrence.....	Massachusetts.....	July 15, 1929	18	1
195	Monroe, Henry Stone.....	do.....	June 21, 1929	19	5
118	Moore, Charles Leighton, jr.....	Georgia.....	July 5, 1929	19	2
289	Moorer, Thomas Hinman.....	Alabama.....	June 13, 1929	17	4
248	Morgan, Charles Cushman.....	Pennsylvania.....	July 9, 1929	19	3
233	Morgan, John Chapman.....	Texas.....	July 5, 1929	19	1
225	Morrow, Guy Marion.....	Illinois.....	July 6, 1929	20	1
*3	Morton, Thomas Howard.....	Missouri.....	June 15, 1929	17	3
†305	Mosk, Milton Stanford.....	Texas.....	July 12, 1929	16	6
154	Mott, William Chamberlain.....	Rhode Island.....	July 16, 1929	17	10
500	Muirhead, Gavin Lawrence.....	Nebraska.....	June 28, 1929	20	2
†498	Mullen, Hugh.....	New York.....	Oct. 5, 1929	17	11
h	Mumma, George Edwin.....	Iowa.....	July 5, 1929	18	4
*19	Murphy, Gordon.....	North Dakota.....	June 17, 1929	17	1
423	Nelson, Edward Robert, jr.....	Michigan.....	July 5, 1929	18	11
*10	Neupert, Karl Frederic.....	Oregon.....	July 1, 1929	16	8
336	Neville, Lawrence Robert.....	California.....	July 15, 1929	18	2
431	Newton, Walter Hughes, jr.....	Minnesota.....	June 21, 1929	17	7
464	Norris, Thomas Edwin.....	Maryland.....	July 5, 1929	18	5
479	O'Brien, Gerald Davis.....	South Dakota.....	June 24, 1929	19	7
126	O'Connell, Thomas Paul.....	Massachusetts.....	July 1, 1929	20	1
†522	O'Connor, Desmond Kiernan.....	Rhode Island.....	July 2, 1929	19	11
38	Ogden, James Robinson.....	Tennessee.....	July 5, 1929	18	3
433	Ogle, John Newman.....	Indiana.....	do.....	20	1
185	Olsen, Robert Irving.....	Illinois.....	Aug. 26, 1929	19	8
280	Overton, William Arthur.....	Kansas.....	June 14, 1929	19	6
41	Palmer, Jay Talisman.....	Texas.....	Sept. 17, 1929	19	8
75	Pasche, William.....	Illinois.....	June 14, 1929	18	7
487	Pattie, Samuel Howard.....	Texas.....	June 18, 1929	19	10
387	Peckson, Alfredo.....	Philippine Islands.....	Aug. 29, 1929	19	3
46	Pelling, Albert George.....	California.....	June 28, 1929	19	2
276	Peters, Thomas Videtto.....	Nebraska.....	June 17, 1929	19	10
401	Peterson, Frank James.....	New Jersey.....	July 6, 1929	20	1

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	8.48	22.80	11.86	12.40	10.14	11.55	77.23
2	23	8.46	22.64	11.70	12.52	8.35	11.94	75.61
2	23	9.21	25.56	13.28	12.52	10.14	8.97	79.68
2	23	8.03	20.76	10.34	11.08	9.82	11.70	71.73
2	23	8.64	22.00	12.74	11.58	9.70	11.40	76.06
2	23	8.90	22.16	11.64	11.46	8.38	11.91	74.45
2	23	8.82	23.08	12.12	11.64	8.20	11.76	75.62
2	23	8.35	21.92	11.42	11.90	9.12	11.43	74.14
2	23	8.01	22.08	11.60	12.12	8.31	9.90	72.02
2	23	8.02	20.44	10.38	10.90	7.80	11.34	68.88
2	23	8.78	22.68	11.60	10.46	8.76	11.49	73.77
2	23	8.36	23.44	11.52	10.96	8.71	11.91	74.90
2	23	8.77	21.52	11.04	11.86	9.25	11.22	73.66
0	0	7.03	19.80	(a)	9.78	(a)	11.91	Inc.
2	23	7.99	21.16	12.14	10.92	9.07	11.79	73.07
2	23	8.39	21.00	10.24	10.52	9.39	9.75	69.29
2	23	10.85	27.00	14.00	12.52	8.75	11.55	84.67
2	9	8.25	24.36	12.30	10.60	10.03	11.34	76.88
2	23	7.89	22.32	12.00	12.54	9.87	11.70	76.32
2	23	9.73	23.84	12.86	12.20	8.94	11.16	78.73
2	23	9.47	22.96	11.42	12.06	8.47	11.67	76.05
2	23	8.31	21.00	10.34	10.96	8.27	11.85	70.73
2	23	9.40	25.36	13.64	13.18	10.47	11.88	83.93
1	20	9.08	23.60	11.10	12.36	10.09	11.31	77.54
2	23	8.53	25.16	12.88	12.50	8.89	11.64	79.60
2	23	8.69	23.56	11.96	11.10	8.51	11.46	75.28
2	23	8.56	23.28	11.42	12.16	8.82	11.94	76.18
2	23	8.83	23.00	12.20	11.48	9.57	11.49	76.57
2	23	8.18	25.08	12.06	11.34	8.63	11.52	76.81
2	23	10.10	29.04	14.48	13.54	10.70	11.85	89.71
0	0	6.88	23.20	12.08	11.38	9.60	11.82	74.96
2	23	7.85	23.64	13.50	12.90	9.20	11.34	78.43
2	23	7.76	20.32	10.86	11.50	7.77	11.31	69.52
0	0	7.08	21.56	10.56	10.92	8.10	11.46	69.68
0	0	8.39	19.48	(a)	11.00	8.31	11.37	Inc.
2	23	9.65	29.28	13.64	12.20	10.09	11.76	86.62
2	23	8.22	22.12	11.34	11.22	8.10	11.46	72.46
2	23	9.13	27.44	14.26	13.70	11.23	11.94	87.70
2	23	7.59	21.72	11.18	12.00	10.20	11.67	74.36
2	23	7.98	21.48	10.38	11.06	9.86	11.43	72.19
2	23	7.53	21.80	11.02	10.94	8.00	11.70	70.99
2	23	7.53	20.72	11.20	11.24	8.49	11.37	70.55
2	23	8.00	24.24	12.72	12.52	10.53	11.34	79.35
0	0	7.40	19.84	9.88	10.78	7.54	11.61	67.05
2	23	9.39	28.56	13.06	12.60	9.21	11.37	84.19
2	9	7.62	21.64	10.94	11.32	8.65	11.94	72.11
2	23	10.80	23.24	11.88	11.08	8.80	11.94	77.74
2	23	8.00	23.48	11.80	12.36	7.83	11.97	75.44
2	23	8.10	21.64	12.96	12.10	10.40	11.19	76.39
2	23	7.93	22.04	11.72	11.44	9.03	11.49	73.70
0	0	7.59	22.00	10.74	11.22	8.03	10.68	70.23
2	23	7.83	20.68	11.22	11.74	10.96	10.98	73.41
2	23	8.45	22.72	12.56	12.02	8.49	12.00	76.24
2	23	9.65	22.72	11.64	11.12	8.82	11.58	75.53
1	20	8.88	21.00	11.20	11.96	8.32	11.85	73.21

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
258	Phillips, John Lloyd, jr.....	Virginia.....	July 5, 1929	19	3
229	Pickett, Ludwell Rector, jr.....	Arkansas.....	June 14, 1929	17	8
108	Pihl, Royal Pearson.....	Massachusetts.....	July 5, 1929	18	11
508	Pike, Joseph William, jr.....	North Carolina.....	July 8, 1929	17	11
324	Poor, Richard Longstreet.....	Louisiana.....	June 14, 1929	18	6
301	Porter, William Baxter.....	Pennsylvania.....	June 13, 1929	18	0
461	Powell, Isthmian Lovoya.....	Alabama.....	June 26, 1929	19	5
403	Pratt, William Veazie, 2d.....	At large (Pres.).....	June 13, 1929	17	0
98	Pray, Ralph Marble.....	California.....	June 28, 1929	19	2
340	Price, George Marvin.....	Florida.....	June 13, 1929	17	6
308	Prueher, Bertram Joseph.....	Wisconsin.....	July 1, 1929	16	10
221	Purdy, Frederick Warren.....	Florida.....	June 13, 1929	17	6
417	Pyle, Randolph Grant.....	Idaho.....	June 14, 1929	17	8
414	Rakow, William Magnus.....	Iowa.....	June 20, 1929	18	4
187	Ramee, John.....	North Dakota.....	June 28, 1929	17	7
*20	Raymond, Reginald Marbury.....	Louisiana.....	June 15, 1929	17	1
124	Reday, Joseph Zoltan, jr.....	Massachusetts.....	July 15, 1929	17	9
122	Reedy, James Robert.....	Ohio.....	July 11, 1929	19	1
1504	Reuland, Walter Philip.....	California.....	June 29, 1929	19	6
478	Rhea, Edward Sumpter, jr.....	Kentucky.....	June 22, 1929	18	9
95	Richards, Gilbert Haven, jr.....	Illinois.....	July 5, 1929	18	1
32	Riddell, Robert Southgate.....	New York.....	July 8, 1929	18	3
*441	Rising, Alexander Benjamin.....	Minnesota.....	June 28, 1929	19	1
244	Robbins, Charles Bradford.....	Hawaii.....	July 1, 1929	17	10
146	Roberts, Charles Theodore.....	Washington.....	June 21, 1929	19	5
111	Robertson, Charles Edward.....	New York.....	June 17, 1929	19	4
432	Robison, Clifford Ellsworth.....	New Mexico.....	July 2, 1929	19	8
263	Rockwell, James.....	Porto Rico.....	June 20, 1929	18	3
*31½	Roe, Jack Willhoit.....	Iowa.....do.....	.....do.....	18	0
345	Roullard, George Dee.....	Idaho.....	June 14, 1929	19	0
474	Rowe, Hilary Cecil.....	Maryland.....	July 5, 1929	19	11
190	Rozea, Russell Edward.....	At large (Pres.).....	June 21, 1929	18	11
331	Rucker, Eldred Benson.....	South Dakota.....	June 19, 1929	19	10
55	Rumble, Henry Peterson.....	New Jersey.....	July 15, 1929	17	7
40	Russell, Baxter Leon.....	Arkansas.....	June 14, 1929	18	9
148	Ryan, Albert Francis, jr.....	New York.....	June 17, 1929	19	0
450	Samuels, Nelson Tindall.....	Maryland.....	June 21, 1929	19	8
231	Santmyers, Selby Krauss.....	Delaware.....do.....	.....do.....	18	2
*29	Sargent, Ralph Nelson, jr.....	New Jersey.....	June 13, 1929	18	9
190	Schade, Arnold Frederic.....	Connecticut.....	July 8, 1929	17	4
499	Schafer, Charles Edward.....	Wisconsin.....	July 1, 1929	17	0
208	Schmid, Henry Edward.....	Washington.....	June 28, 1929	19	11
178	Schmid, Wallace Andrew.....	.....do.....do.....	.....do.....do.....	19	0
354	Schneider, Earle Caffrey.....	At large (Pres.).....	Aug. 19, 1929	17	7
518	Schwab, Herbert Sidney.....	.....do.....	June 13, 1929	17	3
159	Schwartz, Frank Dewey.....	Kansas.....	June 14, 1929	18	7
132	Seagroves, Everett Edgar.....	Georgia.....	July 5, 1929	19	10
394	Searcy, Seth Shepard, jr.....	Texas.....	June 22, 1929	18	3
485	Seipt, William Edward.....	Maryland.....	June 21, 1929	19	11
513	Selby, Frank Gordon.....	Iowa.....	June 14, 1929	18	10
228	Shafer, William Edward.....	Ohio.....	July 22, 1929	18	0
93	Shannon, John.....	New Jersey.....do.....	.....do.....	17	7
291	Shaul, Donald Robert.....	California.....	July 16, 1929	20	2
*7	Shea, Thomas Vandermeer.....	Wisconsin.....	June 18, 1929	16	11
426	Shelby, Edward Ellis.....	Texas.....do.....	.....do.....	18	10

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aero- nautics	Mathe- matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
1	20	8.35	23.04	12.32	11.98	8.48	11.85	76.02
2	9	9.14	24.56	11.84	12.12	9.00	10.02	76.68
2	23	9.90	24.48	12.04	12.48	9.11	11.88	79.89
2	23	7.31	20.80	10.60	10.54	7.74	11.94	68.93
2	23	8.67	21.23	11.02	11.74	10.15	11.73	74.59
2	23	8.41	22.08	11.70	12.40	9.03	11.43	75.05
2	9	8.63	21.20	11.18	10.54	7.97	11.61	71.13
2	9	8.32	22.16	11.70	11.40	9.34	10.26	73.18
2	9	8.27	25.04	12.66	11.74	10.69	11.94	80.34
2	23	8.50	22.36	11.10	11.60	9.06	11.55	74.17
2	23	9.22	22.80	12.14	10.98	7.83	11.91	74.88
2	23	9.63	23.20	11.74	12.54	9.16	10.62	76.89
2	23	8.26	21.08	11.16	11.86	8.31	11.97	72.64
2	23	7.64	20.76	11.06	11.74	9.76	11.70	72.66
2	23	9.36	25.16	10.98	10.44	10.15	11.64	77.73
2	23	9.84	27.96	13.96	13.14	10.36	11.01	86.27
2	23	9.33	24.00	11.78	12.70	9.99	11.58	79.38
2	9	9.02	23.08	12.08	12.96	10.61	11.67	79.42
2	23	8.36	20.60	10.26	10.88	7.27	11.94	69.31
2	23	8.60	20.60	10.96	10.48	8.72	11.28	70.64
2	23	9.45	25.48	12.06	12.26	9.45	11.70	80.40
2	23	9.71	27.40	12.88	12.10	11.00	11.85	84.94
2	23	7.80	21.08	12.24	11.20	7.84	11.73	71.89
2	23	9.62	22.80	11.70	11.74	8.67	11.76	76.29
2	23	8.87	24.48	12.26	12.16	9.06	11.79	78.62
2	23	9.31	23.20	12.56	12.90	10.32	11.49	79.78
2	23	7.69	21.32	10.92	11.52	9.15	11.55	72.15
2	19	8.96	22.56	11.86	11.04	10.85	10.59	75.86
2	23	9.86	26.12	14.12	12.66	10.55	11.70	85.01
2	23	8.63	21.96	11.56	11.68	8.40	11.88	74.11
2	23	7.63	22.08	10.64	11.40	7.95	11.07	70.77
2	23	7.76	21.52	11.84	14.42	10.41	11.67	77.62
2	23	8.86	22.00	11.32	11.70	9.13	11.46	74.47
2	23	9.25	27.28	13.44	11.38	9.80	11.85	83.00
2	23	10.00	27.52	13.76	12.56	8.54	11.70	84.08
2	23	9.09	24.32	12.58	11.48	10.34	10.71	78.52
2	9	8.18	22.36	10.80	11.42	8.32	10.59	71.67
2	23	8.80	23.20	11.44	11.68	9.83	11.70	76.65
2	23	10.68	26.16	31.90	12.88	9.67	12.00	85.29
2	23	9.55	23.92	11.20	11.34	9.82	11.79	77.62
2	23	7.50	21.16	10.62	10.92	8.57	10.86	69.63
2	23	8.94	23.88	11.52	12.30	8.72	11.85	77.21
2	23	8.89	24.52	12.16	11.88	8.92	11.49	77.86
2	23	7.42	22.08	12.04	12.16	8.58	11.64	73.92
2	23	7.56	21.32	10.34	11.70	7.95	8.52	67.39
2	23	8.50	23.88	12.80	12.58	8.85	11.70	78.31
2	23	7.98	23.32	12.28	13.26	10.62	11.70	79.16
2	23	9.00	21.76	10.92	11.90	8.68	11.07	73.33
2	23	7.92	20.64	10.98	11.68	8.02	11.13	70.37
2	23	8.11	21.60	10.64	11.40	7.96	8.82	68.53
2	23	8.02	22.40	11.04	12.48	11.01	11.76	76.71
2	23	9.23	23.88	11.80	12.70	11.01	11.88	80.50
2	23	7.85	21.56	12.90	11.90	9.15	11.88	75.24
2	23	11.21	29.24	14.26	13.02	9.74	11.04	88.51
2	23	8.92	21.24	11.50	11.60	8.15	11.04	72.45

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
51	Shellabarger, Martin Adam.....	Colorado.....	June 14, 1929	19	0
167	Shepherd, Albert Lee.....	Maine.....	June 20, 1929	19	1
311	Sheppard, Frederick William.....	Oregon.....	June 25, 1929	19	2
330	Sherman, Philip Kingsland, jr.....	Vermont.....	June 18, 1929	19	8
163	Shifley, Ralph Louis.....	Illinois.....	June 13, 1929	18	8
281	Shook, Kenneth Sydney.....	Pennsylvania.....	June 19, 1929	18	11
441	Shuffle, Edwin, jr.....	West Virginia.....	July 1, 1929	19	3
81	Sinclair, Francis Mead.....	At large (Pres.).....	Aug. 26, 1929	20	2
129	Slater, Frank Marcel.....	Massachusetts.....	June 13, 1929	18	0
418	Slayton, Morgan.....	New York.....	July 1, 1929	18	0
256	Smedley, Francis Joseph.....	Pennsylvania.....	June 19, 1929	19	3
178	Smith, James Arthur.....	Missouri.....	Aug. 26, 1929	18	6
296	Smith, Kerfoot Bainbridge.....	Ohio.....	July 5, 1929	18	9
479	Snider, Lewis Levi.....	South Dakota.....	July 22, 1929	19	1
78	Solier, Robert Harris.....	Ohio.....	June 18, 1929	19	6
438	South, Thomas Winfield, 2d.....	Rhode Island.....	June 20, 1929	18	8
*16	Sowerwine, Owen Evans.....	New Jersey.....	June 17, 1929	16	11
175	Spahr, Otto William, jr.....	South Carolina.....	June 18, 1929	18	8
490	Spencer, Samuel Floyd.....	Georgia.....	June 20, 1929	17	7
409	Springer, Clarence Norris.....	Michigan.....	July 25, 1929	20	4
h519	Stack, Gerald Francis.....	California.....	June 28, 1929	18	2
67	Stahl, Paul Ludwig.....	Connecticut.....	June 14, 1929	17	7
489	Staley, Joseph Jarlath.....	Ohio.....	June 18, 1929	18	4
284	Staley, Poyntell Caldcleugh, jr.....	Rhode Island.....	July 1, 1929	19	4
456	Stanley, Reuben Elliott.....	Wisconsin.....	June 21, 1929	20	1
319	Steel, Charles Louis.....	Oklahoma.....	June 18, 1929	18	11
217	Steinbeck, John Macaulay.....	Massachusetts.....	July 5, 1929	18	10
491	Stephan, David Richard.....	Minnesota.....	July 1, 1929	18	7
405	Stephans, Milton George.....	California.....	June 28, 1929	18	4
462	Stephenson, George Mills.....	Ohio.....	June 19, 1929	18	4
*9	Stevens, John Paul.....	Texas.....	June 20, 1929	17	3
250	Stevens, Lemuel Mussetter, jr.....	At large (Pres.).....	June 13, 1929	17	1
142	Stevenson, Lewis Marion.....	New Mexico.....	do.....	20	0
316	Stewart, John Wesley.....	Pennsylvania.....	June 24, 1929	18	4
273	St. Germain, Raymond John.....	Louisiana.....	June 14, 1929	18	7
56	Stocker, Louis John.....	Missouri.....	June 17, 1929	17	0
133	Strean, Bernard Max.....	Indiana.....	June 22, 1929	18	6
120	Strozier, Henry Harvey.....	Georgia.....	June 24, 1929	17	7
76	Stuart, John McCreery.....	Kentucky.....	Aug. 26, 1929	19	10
338	Sturr, Henry Dixon.....	Michigan.....	July 9, 1928	18	5
167½	Styles, Ralph Emerson.....	North Carolina.....	June 17, 1929	19	4
205	Styne, Dwight Evan.....	Hawaii.....	June 27, 1928	19	8
426	Sublette, William Harold.....	Colorado.....	June 26, 1929	19	9
339	Taylor, Rufus Lackland.....	Missouri.....	Aug. 26, 1929	19	8
180	Tellefsen, Carl Robert.....	Minnesota.....	Sept. 5, 1929	20	0
86	Temple, Edward Arthur.....	Texas.....	June 13, 1929	17	9
171	Thomas, Millener Weaver.....	Pennsylvania.....	June 24, 1929	18	1
*2	Thompson, Raymond Webb, jr.....	Maryland.....	July 1, 1929	18	4
253	Thorn, Benjamin Franklin.....	West Virginia.....	June 21, 1929	17	5
328	Tiedeman, Carl.....	Iowa.....	June 14, 1929	18	1
434	Tinker, Frank Glasgow.....	Arkansas.....	June 28, 1929	19	11
88	Tinker, Malcolm Hoagland.....	Pennsylvania.....	June 20, 1929	19	11
287	Titus, Jack Clarence.....	California.....	do.....	19	9
116	Todd, Ashford, jr.....	Alabama.....	June 14, 1928	17	5
48	Tomamichel, Jack Jones.....	Nevada.....	June 28, 1929	18	7

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practiceships		Engineering and aero- nautics	Mathe- matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	9	9.07	24.64	13.60	13.30	10.80	11.67	83.08
2	23	8.23	24.60	11.64	12.26	9.43	11.97	78.13
2	23	8.70	21.96	11.64	12.08	8.92	11.55	74.85
2	23	9.37	22.28	11.84	11.32	8.31	11.37	74.49
2	23	10.35	23.88	12.70	11.16	8.68	11.43	78.20
2	23	8.11	23.60	11.58	11.64	8.52	11.97	75.42
2	23	7.45	21.52	11.36	10.40	9.55	11.61	71.89
2	23	8.45	24.12	13.62	13.38	10.13	11.67	81.37
2	23	9.93	23.92	12.38	12.06	10.25	10.74	79.28
2	23	7.89	20.88	10.16	13.46	8.66	11.55	72.60
2	9	7.92	21.48	11.94	12.28	10.72	11.70	76.04
2	23	8.92	24.80	12.04	10.58	9.52	12.00	77.86
2	23	8.22	22.64	11.74	11.50	9.56	11.52	75.18
2	23	8.64	20.56	11.90	10.02	7.79	11.64	70.55
2	23	9.51	25.20	13.56	11.66	9.70	12.00	81.63
2	23	7.98	21.28	10.90	11.56	8.79	11.49	72.00
2	23	9.62	27.28	14.24	13.34	11.46	11.16	87.10
2	23	9.11	23.84	12.56	11.48	9.24	11.76	77.99
2	23	7.76	21.24	10.14	10.78	8.69	11.61	70.22
2	23	8.76	21.96	10.82	10.90	8.69	11.91	73.04
0	0	7.60	19.16	10.38	10.86	7.84	11.40	67.26
2	23	8.81	24.28	13.60	13.10	10.53	12.00	82.32
2	23	7.77	21.08	10.26	11.40	8.15	11.58	70.24
2	23	8.29	22.24	12.42	11.42	9.36	11.64	75.37
2	23	8.47	20.96	10.56	11.08	8.65	11.55	71.27
2	23	8.18	22.84	12.00	11.32	8.57	11.76	74.67
2	23	10.13	23.44	11.38	11.18	9.55	11.34	77.02
2	23	7.86	20.92	10.54	11.04	8.48	11.31	70.15
2	23	7.90	21.56	11.46	12.10	8.62	11.46	73.10
2	23	8.25	21.76	10.68	10.64	8.08	11.64	71.05
2	23	10.82	27.04	14.32	13.22	10.58	11.88	87.86
2	23	8.18	21.32	12.38	12.30	10.14	11.82	76.14
2	23	7.99	22.76	12.94	12.74	10.30	12.00	78.73
2	23	7.95	22.56	11.28	11.58	9.78	11.58	74.73
2	23	8.67	22.72	11.80	11.30	9.35	11.76	75.60
2	23	9.12	24.76	13.40	13.02	10.78	11.88	82.96
2	23	9.52	25.80	11.74	11.02	9.23	11.79	79.10
2	23	11.01	25.32	13.32	10.94	7.77	11.16	79.52
2	23	9.48	24.24	13.14	12.94	10.16	11.76	81.72
2	23	7.58	23.76	11.64	12.32	8.45	10.47	74.22
2	23	9.15	24.60	12.24	11.82	8.43	11.88	78.12
2	23	8.49	23.36	12.38	12.18	9.14	11.70	77.25
2	23	7.80	22.00	11.24	11.40	8.73	11.28	72.45
2	23	7.99	21.52	11.20	11.88	9.80	11.82	74.21
2	23	8.39	23.36	12.34	11.32	10.41	12.00	77.82
2	9	9.52	24.60	12.80	11.98	10.33	11.76	80.99
2	23	10.21	23.20	11.86	11.82	9.50	11.46	78.05
2	23	11.49	29.44	14.62	12.44	10.82	11.79	90.60
2	23	7.93	21.92	13.14	11.94	9.57	11.58	76.08
2	23	9.44	23.04	11.60	10.60	7.92	11.97	74.57
2	23	8.74	22.08	10.76	10.82	7.92	11.76	72.08
2	23	10.15	25.16	12.26	11.24	10.20	11.94	80.95
2	23	8.79	22.28	12.90	11.22	8.98	11.16	75.33
2	23	9.02	23.84	12.04	13.14	9.65	11.94	79.63
2	23	9.28	26.92	13.76	12.32	10.21	11.10	83.59

Merit roll of the midshipmen of the present third class (class of 1933), for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
277	Travis, Charles William	Tennessee	July 23, 1929	17	4
364	Travis, Franklin Karl	Nebraska	June 28, 1929	19	2
92	Tucker, James Francis	Connecticut	July 5, 1929	19	0
147	Turnage, Theodore Carlyle, jr.	North Carolina	June 13, 1929	17	9
72	Turner, Vernon Clark	Texas	June 18, 1929	17	9
396	Twigg, Donald Whitman	At large (Pres.)	June 24, 1929	18	7
71	Tyler, Marshall Alvin	Rhode Island	July 11, 1929	18	10
150	Tyree, John Augustine, jr.	Virginia	June 18, 1929	17	9
509	Unmacht, George Paul	Illinois	June 14, 1929	16	9
155	Vaillancourt, Maurice Lesieur	New Hampshire	June 18, 1928	19	0
*12	Van Meter, William Joseph, jr.	Kansas	June 14, 1929	19	4
308	Vaughan, James John	Illinois	June 26, 1929	19	0
384	Vogeler, Robert Alexander	New York	June 18, 1929	17	9
170	Vogeley, Theodore Robert	Pennsylvania	June 13, 1929	20	0
373	Von Weller, Harold John	Georgia	Aug. 26, 1929	19	8
356	Von Woglom, Louis Ethan	West Virginia	June 21, 1928	18	9
144	Wade, Sidney Scott	Illinois	July 6, 1929	19	9
385	Wagstaff, Ruben Eli	Utah	June 28, 1929	20	1
83	Wahlig, Frederick Henry	Connecticut	June 13, 1929	18	11
466	Waldron, Frederick Joseph	Massachusetts	June 29, 1929	19	5
212	Wallace, Paul Eugene	Washington	July 6, 1929	19	11
440	Walsh, Edward Cornelius	North Dakota	June 20, 1929	17	2
84	Walsh, John Edward, jr.	Pennsylvania	Aug. 26, 1929	18	5
457	Walsh, James Warren	Massachusetts	June 17, 1929	18	2
35	Ward, Thomas Harrison	North Carolina	July 1, 1929	18	8
413	Watkins, Robert E.	Wyoming	June 20, 1929	20	0
372	Weeks, John Bradford	Pennsylvania	June 21, 1929	16	7
349	Weikel, Karl Frederick	Maryland	June 17, 1929	18	9
236	Weintraub, Paul Lawrence, jr.	Pennsylvania	June 19, 1929	18	7
h431½	Welch, George Warren	do	June 18, 1929	19	6
†443	Weller, John Francis	New York	July 15, 1929	17	6
54	Wendelburg, George	Wisconsin	July 2, 1929	18	1
115	Wendt, Waldemar Frederick August	do	July 5, 1929	17	4
386	Wentz, Ned James	Colorado	June 28, 1929	19	6
135	White, Clarence Marbury, jr.	Maryland	June 28, 1928	18	4
152	White, Donald Elliot	New Jersey	June 17, 1929	17	10
399	White John Duke	California	June 28, 1929	19	10
295	White, James Wilbur	Alabama	Aug. 26, 1929	19	1
273	White, Laurence Adams	California	June 28, 1929	19	7
*28	White, Richard Daniel	Ohio	June 17, 1929	17	3
158	Wiggin, Bruce Eastman	New Hampshire	do	19	8
503	Wiggs, Robert Jackson, jr.	Tennessee	June 18, 1929	20	3
188	Williams, Joseph Warford, jr.	Indiana	June 21, 1929	18	0
286	Winston, Philip Wallace	West Virginia	June 18, 1929	18	2
460	Winters, Wilbur Robert	California	June 26, 1929	18	11
r260	Wister, John Howard	New Jersey	June 20, 1929	18	0
dd151	Worthington, Francis Hardesty	Colorado	June 14, 1929	17	9
160	Wright, Archie Taylor, jr.	Texas	July 9, 1929	17	8
288	Wright, Gerald Roland	Kentucky	June 20, 1929	19	6
†484	Wygant, Edward Guthrie	Oklahoma	Sept. 13, 1929	19	3
119	Yost, Herbert Carl	Kansas	June 28, 1929	19	11
458	Zimmerman, Raymond Paul	do	June 14, 1929	19	6

first year of their academic course, 545 members, June, 1930—Continued

Sea service in practice ships		Engineering and aero-nautics	Mathe-matics	Electrical engineering and physics	English	Languages	Aptitude for service	Aggregate first year
		Maximum						
Months	Days	12	32	16	16	12	12	100
2	23	8.57	22.32	11.78	13.26	8.08	11.49	75.50
2	23	10.08	21.32	10.68	11.50	8.64	11.58	73.80
2	23	9.88	24.08	12.98	12.76	9.61	11.25	80.56
2	23	8.74	24.04	11.50	12.78	9.74	11.79	78.59
2	23	8.94	24.92	13.66	12.30	10.38	11.67	81.87
2	23	7.40	21.76	11.62	11.80	9.14	11.55	73.27
2	9	8.48	25.92	12.86	12.64	10.08	11.97	81.95
2	9	8.55	24.08	12.76	12.26	9.12	11.73	78.50
1	20	7.48	21.36	10.76	11.86	8.47	8.97	68.90
2	23	8.47	24.80	12.68	11.50	9.56	11.40	78.41
2	23	9.95	27.16	14.22	13.70	10.61	11.94	87.58
2	23	8.95	23.36	11.12	11.28	8.29	11.88	74.88
2	23	7.98	21.52	11.10	10.94	10.71	11.22	73.47
2	23	10.02	22.72	13.22	12.06	8.24	11.82	78.08
2	23	8.49	22.72	12.22	11.30	8.43	10.56	73.72
2	23	8.07	22.44	10.46	11.94	9.48	11.49	73.88
2	23	8.21	24.84	12.76	12.10	8.82	11.94	78.67
2	23	9.64	21.84	11.50	10.74	7.96	11.76	73.44
2	23	9.74	23.32	13.68	12.58	10.13	11.88	81.33
2	23	7.89	19.84	10.48	11.24	9.62	11.85	70.92
2	23	8.25	23.24	11.60	11.76	10.26	11.97	77.08
2	23	7.91	21.52	11.02	11.66	8.65	11.16	71.92
2	23	8.61	24.36	13.04	12.76	10.62	11.85	81.24
2	23	8.07	20.40	10.46	11.48	9.23	11.55	71.19
2	23	10.10	27.56	13.56	11.82	9.55	11.85	84.44
2	23	8.08	21.60	11.48	11.74	8.70	11.13	72.73
1	20	8.62	22.24	11.54	11.52	8.95	10.86	73.73
2	23	8.59	21.48	11.10	12.44	8.99	11.46	74.06
2	23	9.38	22.76	12.24	11.62	8.77	11.76	76.53
0	0	7.98	22.52	11.56	10.34	7.82	11.94	72.16
2	23	7.28	21.56	11.18	11.92	9.49	10.44	71.87
2	23	8.23	25.56	13.46	13.78	10.36	11.64	83.03
1	20	9.66	22.44	13.04	13.00	9.87	11.64	79.65
2	23	9.01	22.44	10.54	11.52	8.34	11.58	73.43
2	23	9.49	25.60	12.16	11.52	8.58	11.70	79.05
2	23	8.04	24.00	12.54	12.36	10.10	11.43	78.47
2	23	8.09	20.88	11.24	11.44	9.60	11.97	73.22
2	23	9.04	22.76	11.56	11.40	9.21	11.22	75.19
2	8	9.55	23.00	10.50	10.62	8.35	11.70	73.72
2	23	9.23	27.24	12.80	13.12	10.94	12.00	85.33
2	23	8.50	24.00	13.08	11.78	9.17	11.82	78.35
2	23	8.44	20.64	10.22	10.32	8.34	11.37	69.33
2	23	9.20	23.80	12.46	11.66	9.18	11.40	77.70
2	23	8.00	23.28	11.60	11.84	9.19	11.43	75.34
2	23	9.14	21.32	10.26	10.86	7.78	11.79	71.15
2	23	9.36	22.08	12.12	11.50	9.20	11.67	75.93
0	24	9.05	24.96	12.74	12.22	8.60	10.92	78.49
2	23	9.56	23.08	12.62	11.58	9.62	11.82	78.28
2	23	8.07	22.92	12.46	11.70	8.50	11.67	75.32
0	0	7.18	21.32	10.94	10.54	8.45	11.97	70.40
2	9	9.04	25.84	11.88	11.88	9.15	11.79	79.58
2	23	9.45	21.16	11.92	11.06	8.80	8.79	71.18

MIDSHIPMEN OF THE FOURTH CLASS

Midshipmen of the fourth class (class of 1934), 647 members

[Letters in italics used opposite names in the following list refer to footnotes at bottom of this list only]

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Abrahamson, Raymond Leonard.	Maine-----	June 12, 1930	19	4
Acquaviva, James-----	New Jersey-----	Aug. 11, 1930	16	7
Adams, Edward Lawrence-----	Virginia-----	July 7, 1930	18	1
Adams, Parks Madden-----	California-----	June 25, 1930	19	10
Adams, Spencer Moore-----	Florida-----	June 27, 1930	18	2
Adams, William Muirhead-----	Illinois-----	July 8, 1930	19	6
Ahlbrandt, Roger Sheridan-----	Ohio-----	July 7, 1930	18	3
Akeroyd, Richard George-----	Texas-----	June 17, 1930	18	5
Alberi, Danté Steven-----	New York-----	June 21, 1930	19	0
Alexander, Joe McKnitt-----	North Carolina-----	June 19, 1930	18	9
Ambrose, Dennison Cooke-----	Idaho-----	June 18, 1930	17	8
Anderson, Howard Thomas Ewing.	Minnesota-----	June 17, 1930	18	0
Antoniak, Charles-----	New York-----	June 27, 1930	18	6
Arnold, Jackson Dominick-----	South Carolina-----	June 20, 1930	17	8
Artz, George Edwin-----	Virginia-----	June 19, 1930	18	7
Ashley, James Henry, jr-----	Florida-----	June 27, 1930	19	4
Atkinson, Archibald Hunt-----	Oregon-----	June 16, 1930	19	6
Atwood, Harry, jr. <i>b</i> -----	Illinois-----	Aug. 25, 1930	19	3
Auld, Frank Willard-----	Maryland-----	July 2, 1930	17	1
Avisé, John Ellsworth-----	Iowa-----	June 16, 1930	17	8
Ayer, Donald Holman-----	Maine-----	July 14, 1930	18	3
Babb, James Dunnington-----	West Virginia-----	June 20, 1930	18	11
Babb, John Herbert, jr-----	Tennessee-----	June 19, 1930	18	10
Bachmann, Carl Henry-----	Missouri-----	June 13, 1930	20	2
Bailey, Claude Fenn <i>b</i> -----	Mississippi-----	Sept. 23, 1930	19	10
Bailey, Wendell Ernest <i>b</i> -----	North Dakota-----	Aug. 25, 1930	19	1
Bain, Willard Jackson-----	Iowa-----	June 16, 1930	18	3
Baird, Leonard James-----	do-----	June 23, 1930	19	2
Baker, Maury Davison, jr-----	At large (Pres.)-----	July 1, 1930	17	11
Baranowski, Walter Eugene-----	Wisconsin-----	June 30, 1930	18	11
Barham, Eugene Alexander-----	Louisiana-----	do-----	18	6
Barnard, Lewis, jr. <i>b</i> -----	Michigan-----	Aug. 25, 1930	17	10
Barner, Richard Long-----	Iowa-----	June 16, 1930	19	0
Barr, Eric Lloyd, jr-----	Connecticut-----	June 19, 1930	18	2
Batcheller, Edgar Hadley-----	Oregon-----	do-----	20	2
Bathke, Ernest Siewert-----	Wisconsin-----	June 17, 1930	19	5
Bauer, Edward George-----	Minnesota-----	June 19, 1930	19	7
Baumberger, Walter Harlan-----	West Virginia-----	June 23, 1930	18	5
Beardslee, William Walter <i>b</i> -----	Michigan-----	Aug. 25, 1930	20	3
Becht, Lawrence Robert-----	do-----	July 24, 1930	19	7
Becker, Albert Lilly-----	Mississippi-----	June 23, 1930	18	7
Becker, Charles Henry-----	Virginia-----	June 18, 1930	18	11
Benedict, Arthur Lewis, jr-----	At large (Pres.)-----	June 12, 1930	18	1
Bengston, Robert Carl-----	Illinois-----	June 27, 1930	19	7
Bentley, James Calvin-----	Michigan-----	June 13, 1930	18	7
Bertholf, Charles Marriner-----	California-----	June 19, 1930	17	6
Bex, Lloyd James-----	Oklahoma-----	June 12, 1930	18	6
Biard, Forrest Rosecrans-----	Texas-----	June 19, 1930	17	6
Biesecker, Morris Gawin-----	Indiana-----	June 18, 1930	19	2
Bingham, James Truman-----	Kentucky-----	June 16, 1930	19	7
Birthisel, Lawrence Hale, jr-----	Texas-----	June 18, 1930	17	10
Biwerse, Denis Harry-----	Wisconsin-----	June 19, 1930	18	1
Blackford, Max-----	West Virginia-----	June 27, 1930	19	9

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Blakely, Edward Noe	Pennsylvania	June 30, 1930	18	1
Blakely, John Siler <i>b</i>	Alabama	Sept. 2, 1930	19	8
Blanchard, Richard Sawyer	New Hampshire	July 14, 1930	17	8
Blenman, Charles, jr.	Arizona	June 12, 1930	19	0
Blohm, Lyle McKenzie	Illinois	June 13, 1930	18	10
Blount, Cecil Edward	North Carolina	June 24, 1930	17	6
Bly, Richard Eugene	Texas	June 16, 1930	20	2
Bond, George Hastings	Pennsylvania	July 17, 1930	17	3
Bourke, Robert Emmet	New Jersey	June 30, 1930	18	6
Boutelle, Richard Roome	Pennsylvania	June 28, 1930	16	5
Boyle, Francis Dennis	Washington	June 30, 1930	19	11
Boyle, Peter Frederick	Illinois	June 27, 1930	19	5
Bozarth, John William	Nebraska	July 1, 1930	20	3
Bradbard, Samuel	New Hampshire	June 27, 1930	19	4
Bradley, Francis Dean	Nevada	June 17, 1930	18	10
Brewer, Charles Walter	Oklahoma	June 18, 1930	19	2
Breyer, Edward Aaron	Pennsylvania	June 27, 1930	20	3
Brinker, Robert Marion	Illinois	Sept. 2, 1930	20	0
Brock, James Ward	New Jersey	July 1, 1930	19	2
Brockett, William Alden	Connecticut	June 20, 1930	16	4
Bromer, Frederic Prizer	Pennsylvania	July 7, 1930	19	5
Bromley, John Richard	Rhode Island	June 30, 1930	17	3
Brooks, William Born	Texas	June 12, 1930	17	0
Broughton, William Frederick, 3d.	Connecticut	do	19	0
Brown, Samuel Robbins, jr.	New York	Aug. 15, 1930	17	3
Brown, Stanley August	Illinois	June 30, 1930	20	0
Browne, George Henry	New York	July 1, 1930	18	7
Broyles, Ned Butler	Alabama	June 27, 1930	19	5
Bruchez, Ernest Valentine	Louisiana	June 13, 1930	19	11
Buckalew, Meriwether Walker	Alabama	June 23, 1930	18	8
Buess, William Gerard	Connecticut	June 19, 1930	17	7
Bullen, George Scruggs	Louisiana	June 17, 1930	19	0
Bullen, Jacob Thompson, jr.	do	do	19	0
Buse, Henry William, jr.	Pennsylvania	July 7, 1930	18	3
Butler, John Augustus	Louisiana	June 19, 1930	19	9
Butterworth, Christy Clair	Arkansas	June 16, 1930	17	9
Button, Thomas Byron	Connecticut	July 21, 1930	17	11
Caldwell, Clyde Graham	Georgia	June 23, 1930	18	5
Calhoun, William Lowndes, jr.	Florida	June 19, 1930	18	2
Callister, Thomas Kenneth	Utah	Aug. 7, 1930	18	4
Campbell, Harold William, jr. <i>b</i>	West Virginia	Aug. 25, 1930	18	2
Canon, Robert Henry	Mississippi	June 17, 1930	17	8
Carow, Wilmer Stewart	Wisconsin	June 30, 1930	19	11
Carroll, Herbert Fuller, jr.	North Carolina	June 19, 1930	18	9
Carson, Mather Arthur	Arkansas	June 30, 1930	19	11
Carter, Clark Randolph	California	June 12, 1930	18	8
Carter, Joseph Coleman, jr.	Kentucky	July 14, 1930	19	10
Casey, Kendall	Arkansas	June 18, 1930	17	6
Cassidy, William Francis	Texas	June 28, 1930	19	1
Chambers, Lester Smith <i>tb</i>	Alabama	July 8, 1929	17	5
Champlin, Malcolm McGregor	California	June 19, 1930	19	0
Chandler, Robert Alexander	South Carolina	July 14, 1930	17	7
Cheney, Wilbur Haines, jr.	Kansas	June 16, 1930	18	2
Christensen, Ernest Edward	At large (Pres.)	June 12, 1930	16	10
Chung-Hoon, Gordon Paiea	Hawaii	June 16, 1930	19	11
Church, William Campbell Gibson.	Idaho	June 19, 1930	16	10

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Clarey, Bernard Ambrose.....	Iowa.....	July 14, 1930	18	2
Clark, Charles Hoffman.....	Maryland.....	July 7, 1930	19	4
Clark, Clayton Smith.....	Pennsylvania.....	July 21, 1930	19	7
Clark, Lawrence Bonner.....	North Carolina.....	June 17, 1930	17	8
Clifford, George Moore.....	Virginia.....	June 18, 1930	18	3
Clopton, James Malvern.....	Alabama.....	June 23, 1930	18	8
Close, Robert Hamilton.....	New York.....	June 25, 1930	17	3
Cloud, Alexander Benson.....	do.....	June 19, 1930	18	7
Clute, James Maurice.....	do.....	June 18, 1930	19	8
Cochran, Dale Eugene.....	Nebraska.....	June 17, 1930	19	2
Coen, Carlton Benjamin.....	Pennsylvania.....	June 23, 1930	19	3
Coffin, Albert Peyton.....	Indiana.....	June 17, 1930	18	8
Cole, Allyn, jr.....	Colorado.....	June 19, 1930	18	1
Cole, Harold Elwood.....	Pennsylvania.....	June 18, 1930	19	7
Coleman, Wilson McConnell.....	Alabama.....	June 16, 1930	18	4
Coley, Charles Coston.....	Oklahoma.....	June 18, 1930	19	1
Collins, William Magill, jr.....	Wisconsin.....	July 10, 1930	18	11
Compton, James Richard.....	Missouri.....	June 13, 1930	19	6
Condon, John Pomeroy.....	Michigan.....	July 7, 1930	18	10
Cook, Harry Edward, jr.....	Arkansas.....	June 23, 1930	18	11
Cook, Paul Chronical.....	Tennessee.....	Aug. 7, 1930	18	8
Cooper, Ernest Greene, jr. b.....	Maryland.....	Sept. 22, 1930	19	9
Corbin, Henry Clark.....	Illinois.....	June 12, 1930	19	3
Corbin, William Leslie.....	At large (Pres.).....	July 14, 1930	18	5
Cordiner, Douglas Lee Lipscomb.....	do.....	June 17, 1930	18	4
Cotten, John Henderson.....	North Carolina.....	June 23, 1930	17	0
Cown, Julian Blanchard.....	Georgia.....	June 16, 1930	18	6
Coxe, Lewis Crocker.....	Texas.....	June 25, 1930	17	10
Craft, James Pressley, jr.....	Georgia.....	July 2, 1930	16	8
Cress, Herbert Clyde, jr.....	Kentucky.....	July 1, 1930	19	9
Criswell, Robert Parker tb.....	California.....	June 14, 1929	19	9
Crowell, Robert Burns.....	New York.....	June 27, 1930	18	9
Crutcher, William Rolston.....	Alabama.....	June 23, 1930	17	10
Daigle, Raymond Joseph.....	Louisiana.....	June 19, 1930	19	5
Danenhower, John b.....	New York.....	Aug. 25, 1930	20	3
Daunis, Stanley Stephen.....	Massachusetts.....	June 19, 1930	19	0
Davies, Robert Henry.....	Ohio.....	Aug. 18, 1930	18	3
Davis, Adelbert John, jr.....	Oregon.....	June 12, 1930	20	0
Davis, Eugene Worthington.....	Washington.....	June 19, 1930	18	7
Davis, George Fleming.....	Hawaii.....	July 1, 1930	19	3
Davis, John Kenneth.....	California.....	June 27, 1930	18	1
Davis, James Robert.....	Rhode Island.....	June 18, 1930	17	10
Davison, George Glass.....	Pennsylvania.....	June 25, 1930	18	10
Day, Barton Eldred.....	New Jersey.....	June 17, 1930	19	2
Day, Howard Earl, jr.....	Vermont.....	June 30, 1930	17	10
Deakin, Harold Osborne.....	Utah.....	June 16, 1930	17	5
Dean, William Arthur, jr.....	Texas.....	June 17, 1930	19	5
Denby, Edwin, jr.....	Michigan.....	July 8, 1930	18	1
Deragon, William Nolin.....	New York.....	June 17, 1930	19	3
Dickey, Joseph Lyle.....	Missouri.....	June 30, 1930	19	9
Dickey, Willie Mills.....	Texas.....	June 18, 1930	19	1
Dickinson, Clarence Earle, jr.....	North Carolina.....	June 12, 1930	17	6
Dissette, Edward Farwell.....	Michigan.....	July 1, 1930	19	1
Dixon, Duncan Patterson, jr.....	Alabama.....	June 30, 1930	18	6
Dodd, Valdo Clare.....	Michigan.....	Sept. 8, 1930	19	8
Donaldson, Robert.....	Florida.....	July 2, 1930	17	11
Dorschner, Reginald Anton.....	Minnesota.....	July 1, 1930	20	0
Doss, Clarence Thomas, jr.....	Arkansas.....	do.....	17	6

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Drumtra, William James	New York	July 14, 1930	19	5
Dry, Melvin Hulquist	Pennsylvania	June 12, 1930	19	4
DuBois, Thomas Hodgskin	At large (Pres.)	do	18	0
Dutton, William Tenney	Rhode Island	July 1, 1930	17	5
Eberle, Jean Frank	Missouri	June 12, 1930	19	4
Ede, Alfred Louis	Nevada	July 10, 1930	16	8
Edrington, Thomas Craighead, 3d.	Arkansas	June 16, 1930	17	8
Edwards, David Samuel, jr.	California	June 19, 1930	18	11
Edwards, Milton Frank	New Jersey	July 1, 1930	20	1
Ellenberger, Edward George	Maryland	June 19, 1930	20	2
Erwin, Sidney Lyle	Michigan	June 17, 1930	18	5
Eslick, Mark, jr.	Tennessee	June 19, 1930	19	1
Ethridge, Walker	Mississippi	June 17, 1930	17	5
Evans, William Thomas	Tennessee	June 23, 1930	19	2
Fagan, Edward Mallon	Ohio	July 28, 1930	19	10
Fahy, Edward Joseph	New York	June 19, 1930	20	1
Fairweather, Robert Scobie	New Jersey	June 27, 1930	19	7
Farwell, Charles Bradford b	Minnesota	Aug. 25, 1930	18	10
Fell, Charles Woodford	Indiana	June 19, 1930	18	7
Ferguson, John Norwood, jr.	North Carolina	June 25, 1930	17	9
Fischer, Charles Fink	Pennsylvania	Aug. 4, 1930	16	10
Fisher, Edwin Shelton	Tennessee	July 15, 1930	19	2
Fitzpatrick, James Francis, jr.	New York	July 16, 1930	18	7
Fleck, Francis Edward, jr.	Illinois	July 8, 1930	17	9
Fletcher, Francis O'Conner, jr.	North Carolina	June 12, 1930	19	0
Florence, John Williams	Oklahoma	June 19, 1930	18	8
Fly, William Lafayette, jr. b	Missouri	Aug. 25, 1930	19	8
Flynn, Leonard John	New York	July 22, 1930	18	7
Foley, Charles Leslie	Kentucky	June 27, 1930	20	1
Foley, James Francis	Massachusetts	do	19	11
Foley, William Joseph	Illinois	July 7, 1930	17	4
Fortune, Robert Meriwether	Tennessee	June 18, 1930	18	0
Foster, John Lee	New York	June 30, 1930	17	6
Fowlkes, Edward Taylor b	Alabama	Aug. 25, 1930	19	4
Franck, William Norman	Pennsylvania	July 23, 1930	19	7
Fraser, Donald Woodrow	do	June 27, 1930	20	1
Freedman, Lewis	North Dakota	July 17, 1930	16	8
Freeman, Ross Edmunston	South Carolina	June 27, 1930	19	4
Frey, Charles Weiser b	Pennsylvania	Aug. 25, 1930	20	5
Froling, Wendell Hilding	New Jersey	June 19, 1930	18	7
Frost, John Bennett	New York	June 17, 1930	19	7
Fuchs, Joseph Paul	do	do	16	5
Fulghum, Benjamin Cornelius	Georgia	June 20, 1930	19	7
Fuller, Harold Douglas	Wisconsin	June 16, 1930	17	9
Fulp, James Douglas, jr. b	South Carolina	Aug. 25, 1930	20	0
Gautzsch, Frederick Ivory	Pennsylvania	June 30, 1930	17	10
Gearing, Henry Chalfant, 3d.	do	June 20, 1930	17	10
Gebelin, Albert Louis	New York	June 27, 1930	18	3
Geist, John Willard tb	Pennsylvania	June 26, 1929	20	0
Gerlach, Charles Henry	Ohio	June 20, 1930	17	7
Gillmer, Thomas Charles	do	June 30, 1930	18	11
Goff, Marvin Edwin	West Virginia	June 27, 1930	20	2
Gorham, Alonzo Dumay	North Carolina	June 18, 1930	18	1
Graham, Robert Wallace	New York	Aug. 18, 1930	18	11
Gralla, Arthur Robert	do	June 17, 1930	17	2
Grant, Mark Alfred	Mississippi	do	19	0
Green, John Cawley tb	P. A. 348 (Pres.)	June 24, 1929	19	4
Greenman, Franklin Pierce	New York	July 14, 1930	16	5

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Greer, Harry Holt, jr.-----	Pennsylvania-----	June 24, 1930	19	4
Gregory, Archie Leroy-----	Indiana-----	July 1, 1930	19	8
Griffin, Gordon Alexander-----	Virginia-----	July 14, 1930	18	7
Griffin, Harold John-----	New York-----	June 27, 1930	19	11
Griffith, Walter Thomas-----	Louisiana-----	do-----	19	1
Gris, Robert Maurice-----	New York-----	June 17, 1930	18	9
Grosh, Harold Arthur-----	Delaware-----	June 19, 1930	19	0
Grossman, George Sample, jr. b-----	do-----	Aug. 25, 1930	18	7
Gunn, Frederick Arthur-----	Kansas-----	June 16, 1930	18	8
Guthrie, Thompson Clyde, jr-----	Kentucky-----	July 7, 1930	18	2
Guthrie, William Lowry-----	Pennsylvania-----	June 13, 1930	17	5
Hagel, Arthur John Joseph-----	Kentucky-----	June 27, 1930	20	2
Hailey, Edgar Josiah-----	Texas-----	July 1, 1930	20	2
Halligan, James Edward, jr-----	Louisiana-----	do-----	17	2
Hallock, Robert Frederick-----	Pennsylvania-----	June 19, 1930	18	8
Hammond, Clement James b-----	New York-----	Aug. 25, 1930	19	1
Hampson, John Crawford-----	do-----	June 30, 1930	19	6
Hampton, Isaiah Martin, tb-----	Texas-----	June 18, 1929	18	8
Hanlon, Daniel Edward, jr-----	New Jersey-----	Sept. 6, 1930	19	11
Harbold, Robert Pattison, jr-----	District of Columbia-----	June 27, 1930	19	9
Hardy, Robert James-----	Illinois-----	June 17, 1930	19	10
Harlee, John-----	Florida-----	June 23, 1930	16	6
Harper, Cecil Kelly-----	Illinois-----	June 16, 1930	19	4
Harper, Thaddeus Stevens, jr. tb-----	Missouri-----	June 17, 1929	19	2
Harris, Charles Lyle, jr-----	California-----	July 1, 1930	19	11
Hartman, Frank Edward-----	Colorado-----	June 27, 1930	20	2
Harvard, Fountain Eugene-----	Georgia-----	June 16, 1930	18	6
Hastings, Richard Ellis b-----	Delaware-----	Aug. 25, 1930	20	0
Hastings, Willard Edward-----	North Dakota-----	June 16, 1930	18	1
Hatch, Brooke Henry-----	California-----	July 7, 1930	18	1
Hawes, Frederick William-----	Washington-----	June 16, 1930	19	10
Haworth, Merton Dale-----	Kansas-----	July 1, 1930	18	11
Hay, Alexander Guion-----	Ohio-----	June 13, 1930	19	8
Heath, George Dawson, III-----	South Carolina-----	June 18, 1930	18	6
Hedgecock, Leonard Ward-----	California-----	Sept. 18, 1930	20	5
Heerde, Frederick Charles-----	Massachusetts-----	June 18, 1930	19	0
Hembury, William Conrad-----	New York-----	July 14, 1930	16	11
Henderson, Charles Mitchell-----	Louisiana-----	June 18, 1930	19	2
Hendrick, Norman Price-----	Kentucky-----	July 1, 1930	19	10
Herbert, William Haynes-----	Mississippi-----	June 23, 1930	17	0
Hill, George Amos, jr-----	New Jersey-----	June 12, 1930	18	6
Hill, Herbert Dudley-----	Alabama-----	June 16, 1930	17	11
Hine, Thomas Ringle-----	Pennsylvania-----	do-----	19	9
Hobbs, June Page-----	North Carolina-----	July 21, 1930	18	5
Hoffman, George Dewey-----	Delaware-----	June 18, 1930	19	2
Holladay, Douglas Stockton b-----	Virginia-----	Sept. 22, 1930	19	2
Hommel, Robert Emerson-----	New York-----	July 1, 1930	18	8
Honnold, Isaac Preston b-----	Illinois-----	Sept. 25, 1930	20	0
Hopkins, Robert Hugh-----	California-----	June 27, 1930	18	5
Horton, John Aiken, jr-----	South Carolina-----	June 30, 1930	18	1
Houck, Ray Wallen, tb-----	Kansas-----	June 28, 1929	18	8
House, Arthur Caswell, jr-----	North Carolina-----	Aug. 15, 1930	19	8
House, Arthur Emerson-----	New York-----	July 28, 1930	19	2
Houston, Robert Cecil-----	Illinois-----	July 14, 1930	18	3
Howard, John William-----	Texas-----	June 23, 1930	18	2
Hunt, Richard Clayton-----	Alabama-----	June 16, 1930	18	10
Hunter, Percival, jr. tb-----	Illinois-----	July 29, 1929	19	10
Hutchings, Curtis Howell-----	Florida-----	June 17, 1930	18	7

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Hyde, John Milton	New York	June 19, 1930	19	10
Hyland, John Joseph	Massachusetts	June 23, 1930	17	10
Ingersoll, Royal Rodney, 2d	Indiana	June 16, 1930	16	6
Ingling, Alan Lloyd <i>tb</i>	Pennsylvania	Aug. 12, 1929	18	9
Ingram, Carlyle	Georgia	June 20, 1930	17	1
Ireland, Maurice Thompson	Michigan	June 25, 1930	18	8
Irvine, Donald Greer	Iowa	June 30, 1930	19	7
Jackson, Charles Pollard, jr.	Alabama	June 23, 1930	17	7
Jeter, Ervin Russell	Mississippi	Sept. 2, 1930	18	9
Joachim, Paul Lamar	New York	June 30, 1930	18	3
Johnson, Frank Ernest	Arizona	June 16, 1930	19	0
Johnson, Herbert Toben	Missouri	Aug. 16, 1930	19	2
Johnson, James Everett	Mississippi	July 10, 1930	19	8
Johnson, Nels Clarence	New Hampshire	July 14, 1930	18	0
Johnston, Dewey George <i>tb</i>	Oklahoma	July 22, 1929	19	6
Johnston, Robert King	South Dakota	July 7, 1930	18	10
Jones, Edwin Kuykendall	Texas	June 20, 1930	19	7
Jones, Kinsey	Colorado	June 24, 1930	18	7
Jordan, Enoch Pope, jr.	Georgia	June 16, 1930	18	1
Jurado, Enrique Lopez	Philippine Islands	July 14, 1930	19	0
Kait, Herman Hart	Pennsylvania	June 27, 1930	20	2
Kane, Richard Francis	Massachusetts	June 20, 1930	17	6
Kearney, Charles Chace	Nebraska	June 16, 1930	19	8
Kearns, John William	Wisconsin	June 19, 1930	17	9
Keller, William Walton	Pennsylvania	June 30, 1930	17	4
Kelly, Francis Albert Georgs	Texas	July 1, 1930	19	11
Kenney, John Frusher	California	do	18	3
Kerby, Kenneth David	Idaho	June 27, 1930	19	7
Kesl, William Joseph	Michigan	June 23, 1930	18	10
Key, Hobart, jr.	Texas	June 18, 1930	17	3
Kilhefner, Albert Edward	Pennsylvania	July 7, 1930	20	1
Kilmartin, Alfred Dunn	Michigan	July 14, 1930	18	2
Kimbell, Henry Tyus, jr. <i>tb</i>	Oklahoma	June 20, 1929	19	3
Kingsley, Neil Edgar	Iowa	June 16, 1930	18	3
Kinsella, William Thomas	Pennsylvania	July 11, 1930	17	2
Kirkpatrick, Claude Siceluff	Oklahoma	June 18, 1930	19	8
Kisor, Manown	Pennsylvania	do	18	4
Kleppinger, Lehman Horn	do	June 20, 1930	18	8
Klunk, Richard Stewart	do	Sept. 15, 1930	18	0
Knapp, Gerald Anton <i>tb</i>	Washington	June 28, 1929	19	1
Knerr, Hugh Salisbury	At large (V. P.)	June 23, 1930	17	2
Kopff, Richard Garms	New York	July 21, 1930	16	10
Kossler, Herman Joseph	At large (Pres.)	June 13, 1930	18	6
Kramer, William Moltz	Pennsylvania	June 18, 1930	17	6
Krapf, Arthur Elmer	Maryland	June 27, 1930	19	3
Krueger, Douglas Lawrence	Minnesota	Aug. 19, 1930	19	10
Krulak, Victor Harold	Wyoming	June 19, 1930	17	5
Latham, Richard Clark	New York	June 26, 1930	19	2
Lautrup, George William, jr.	do	June 17, 1930	18	3
Lawrence, William Henry	Michigan	July 2, 1930	17	1
Lawson, Ernest Charles, jr.	West Virginia	July 23, 1930	18	7
LeClerq, Norman Charles	Missouri	June 19, 1930	19	6
Lee, Edwin Samuel, jr.	Ohio	July 7, 1930	17	4
Lee, Robert Matthews	California	June 27, 1930	19	0
Leeman, Robert Whitney	New Hampshire	June 17, 1930	18	8
Lefelar, Louis, jr.	New Jersey	do	19	9
Lemons, Jack	Oklahoma	June 23, 1930	19	11
Lenhart, Thomas Burt	Colorado	July 1, 1930	19	10
Lennox, William Robert	New York	July 21, 1930	18	5

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Lewis, Charles Douglas	Mississippi	June 17, 1930	19	3
Lewis, Hugh Howard <i>tb</i>	Texas	July 17, 1929	18	9
Lewis, Harrison Raymond, jr.	Massachusetts	June 12, 1930	18	5
Lewis, Joseph Seaman	Louisiana	June 23, 1930	19	0
Leyde, Glen Warren	Minnesota	June 27, 1930	19	2
Lindblad, Theodore Harrison	At large (Pres.)	July 8, 1930	18	6
Lloyd, Weldon Harrison	North Carolina	June 18, 1930	19	10
Logsdon, Earl William	Colorado	June 30, 1930	16	7
Lowe, John Thompson, jr.	North Carolina	June 19, 1930	17	9
Lucas, Samuel Brooks <i>b</i>	West Virginia	Sept. 8, 1930	20	2
Lundberg, Nils Harry	Vermont	July 8, 1930	17	7
Lundfelt, Marvin Ellsworth	Pennsylvania	July 1, 1930	18	7
Mackenzie, Colin Jack	Wyoming	June 19, 1930	19	8
MacLeod, Warren Smith	Maryland	do	19	8
Maddox, William Squire	California	June 20, 1930	18	11
Magruder, Peyton Marshall	Illinois	June 16, 1930	18	8
Mann, Charles Clark	Louisiana	do	17	9
Mann, Richard Leslie	At large (Pres.)	June 12, 1930	17	10
Manning, Arthur Reburg	Utah	June 19, 1930	19	2
Mannix, Daniel Pratt, 4th	Pennsylvania	June 18, 1930	18	8
Maples, Hugh Marion	Arkansas	July 8, 1930	19	3
Marcoux, Heliodore Aimé	New Hampshire	July 14, 1930	20	0
Marlowe, Robert Aloysius <i>b</i>	California	Sept. 29, 1930	20	1
Marshall, Frank Gilkerson, jr.	Maryland	June 17, 1930	18	3
Martin, John Croysdale	Illinois	do	19	11
Martin, William Inman	Missouri	June 12, 1930	19	1
Matthews, Wilton Edgar	Texas	July 1, 1930	20	1
Mayers, Vaden Raymond	Missouri	Aug. 25, 1930	18	4
Maynard, Russell Hatton	Massachusetts	July 7, 1930	17	11
McCall, George Edward	New York	Aug. 15, 1930	20	4
McClung, Edgar Raymond, jr.	Indiana	June 19, 1930	17	0
McCombs, Paul	Colorado	June 23, 1930	17	5
McCormick, Aloysius Elliott, jr.	New York	June 17, 1930	19	7
McCormick, William Morgan	New Jersey	June 16, 1930	18	0
McEntee, Girard Lindsley, jr.	New York	June 17, 1930	18	10
McGill, William Neil	Nevada	do	19	6
McGillis, John Frink	Washington	June 18, 1930	20	1
McGoff, John Edward <i>b</i>	Vermont	Sept. 15, 1930	19	8
McGowan, Richard	Montana	June 30, 1930	17	8
McGrath, Thomas Dana	Illinois	July 14, 1930	17	8
McKee, Kenneth Henry	Ohio	June 23, 1930	19	0
McKeithen, Edwin Thornwell, jr.	North Carolina	June 18, 1930	18	3
McKissack, Thompson Pope <i>b</i>	Tennessee	Aug. 25, 1930	19	11
McLaren, Earle Kenneth	Illinois	July 7, 1930	17	10
McLean, Ronald Edward	Massachusetts	June 27, 1930	20	0
McMahon, John Merton	New York	June 30, 1930	17	11
McMillan, William	Wisconsin	July 28, 1930	19	1
McNaughton, John Bruce	Pennsylvania	June 30, 1930	18	2
Mecleary, Elmer Read	New York	June 12, 1930	18	2
Menges, Robert Henry	Missouri	do	18	7
Meriwether, Daniel Fleming	Kentucky	July 1, 1930	19	10
Merrick, Gorman Coady	Michigan	June 27, 1930	20	0
Merrill, Grayson	California	June 13, 1930	18	5
Merrill, Ralph Standish <i>tb</i>	Florida	June 20, 1929	18	9
Merrill, Sidney Douglas Baxton.	Rhode Island	June 19, 1930	16	3
Merrill, Wayne Rucker	Missouri	June 17, 1930	17	10

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Metcalf, John	Iowa	June 16, 1930	18	1
Metcalf, Paul Thompson	Ohio	July 7, 1930	17	11
Middleton, Carl White, jr.	California	June 19, 1930	20	0
Milbrath, Robert Henry	Wisconsin	July 21, 1930	18	3
Miller, David Charles	Michigan	June 12, 1930	19	4
Miller, Henry Louis	Alaska	July 7, 1930	18	0
Miller, John George	Ohio	July 3, 1930	19	3
Miller, Leonard Manning	Indiana	June 27, 1930	18	7
Miller, Stuart Paul	Pennsylvania	Aug. 11, 1930	19	1
Milner, Robert Miller	At large (Pres.)	June 12, 1930	18	9
Montross, Joseph George	Michigan	July 7, 1930	18	6
Moore, Allen Willis	Maryland	June 19, 1930	18	4
Moran, Patrick Charles	New York	June 20, 1930	18	0
Morland, John Benjamin	Kansas	June 16, 1930	18	11
Mowery, William Garfield, jr.	Pennsylvania	June 19, 1930	18	4
Mulcahy, Timothy John, jr.	New York	June 13, 1930	18	3
Mullan, Hugh b.	do	Aug. 25, 1930	18	9
Mulquin, Edward Joseph	Connecticut	July 7, 1930	19	7
Mumma, George Edwin tb	Iowa	July 5, 1929	18	4
Murphy, Frank James b.	do	Aug. 25, 1930	19	5
Murphy, William Clarence	Massachusetts	June 27, 1930	18	10
Murray, Hugh Quin	Georgia	June 30, 1930	17	8
Nauman, Harley Kent	Kansas	June 13, 1930	19	6
Neet, James Russell	Indiana	June 16, 1930	20	1
Nelson, Clyde Ralph	Illinois	July 22, 1930	17	7
Newell, James Harold	Georgia	July 7, 1930	19	1
Newman, Arthur Lester	New York	June 27, 1930	19	5
Newsom, Jack	Indiana	June 12, 1930	20	0
Nichols, John Culver	Illinois	June 20, 1930	20	0
Nichols, Richard Eugene	California	June 27, 1930	18	7
Nicol, George Beaton	Ohio	June 19, 1930	17	8
Nielsen, Homer Howard	Missouri	July 1, 1930	18	3
Nienstedt, Donald Albert	California	June 26, 1930	18	8
Nixon, Eugene Blair	do	June 12, 1930	18	8
Novitski, Francis Joseph	Wisconsin	June 20, 1930	16	4
Nusom, Frank Allen	Texas	July 7, 1930	17	2
Nutt, James Stanley	Ohio	June 19, 1930	17	10
Oakley, Thomas Benjamin, jr.	New York	June 20, 1930	18	4
O'Brien, Francis Robert	Montana	June 18, 1930	18	6
O'Donnell, James Francis	New York	July 21, 1930	19	4
O'Kane, Richard Hetherington	New Hampshire	July 14, 1930	19	5
Okerlund, Ray Forest	California	July 1, 1930	19	10
Oliver, John Leslie	Missouri	June 20, 1930	18	5
Oliver, Robert John	Ohio	June 18, 1930	19	10
O'Neill, Bernard Andrew	Maryland	July 21, 1930	18	11
Ours, Statton Ray, jr.	West Virginia	June 18, 1930	19	5
Ovrom, Robert Johnson	Wisconsin	June 20, 1930	18	0
Owers, James Elliott	Massachusetts	do	16	11
Packard, Arden	California	June 27, 1930	19	2
Paine, Charles Bodwell, jr.	Maine	July 14, 1930	18	2
Papp, Zoltan	Ohio	June 27, 1930	19	10
Parker, John Haydon	Wyoming	June 19, 1930	18	9
Parks, Floyd Bruce	Missouri	June 27, 1930	19	5
Parsons, George Evald Theodore.	Massachusetts	do	20	1
Paton, Robert Arthur	New York	July 15, 1930	17	10
Payne, Frederick Rounsville, jr.	do	June 12, 1930	18	10
Payne, Raymond	Mississippi	July 21, 1930	18	4
Payntor, Curtis Alvin	Indiana	June 30, 1930	18	5

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Peacock, Harold Herman	Iowa	June 20, 1930	19	4
Peacock, Thomas Allen	Texas	June 19, 1930	19	6
Pearce, Kenneth Guy	California	June 27, 1930	19	5
Peddy, Calaway Hill	Georgia	June 23, 1930	18	0
Peeler, William Randolph	Missouri	June 12, 1930	19	10
Pegelow, Frederic George b.	Illinois	Aug. 25, 1930	19	8
Perkins, Grafton Brookhouse, jr.	Massachusetts	June 17, 1930	17	5
Pesante, Juan Bautista	Porto Rico	July 28, 1930	18	11
Peterson, Ward Joseph	Minnesota	June 19, 1930	18	10
Petrie, Clarence Walker	North Carolina	June 27, 1930	19	9
Pfotenhauer, Fred Dorst	Missouri	June 17, 1930	20	2
Phelps, John Mitchell	California	June 12, 1930	17	11
Phillips, Seiler George	Pennsylvania	June 18, 1930	20	1
Phoenix, Albert Joseph	Vermont	July 7, 1930	20	1
Pilcher, Campbell	Michigan	June 30, 1930	17	7
Pinney, Frank Lucius, jr.	Connecticut	June 25, 1930	17	3
Pittard, George Franklin	Georgia	June 27, 1930	18	11
Platt, Francis Chedsey	Pennsylvania	July 7, 1930	19	7
Powell, Edgar Samuel, jr.	Minnesota	June 17, 1930	19	8
Powell, James Wade	North Carolina	July 1, 1930	20	3
Power, Reginald Carroll	Kentucky	July 21, 1930	18	5
Powers, Bennet Gordon	Illinois	July 8, 1930	17	9
Pratt, Richard Turner, jr.	Virginia	June 19, 1930	18	6
Prentice, Joseph Rollin b.	Nebraska	Aug. 25, 1930	19	8
Presler, Irving Stahl	Ohio	June 19, 1930	19	3
Price, Forrest Marion	Texas	June 17, 1930	20	2
Price, Lowell Scherich	Oklahoma	do	18	2
Pryor, James Chambers, jr.	Tennessee	June 12, 1930	17	5
Pugh, Donald Ellsworth	Colorado	June 23, 1930	19	3
Quesnell, Edmond Rudell	Minnesota	July 29, 1930	19	11
Quinn, James Francis, jr.	Illinois	June 27, 1930	18	6
Raborn, Albert	Florida	June 19, 1930	19	9
Ramsey, Milton Stuart	Pennsylvania	June 18, 1930	19	0
Randolph, Silas David	Illinois	July 1, 1930	19	10
Rankin, Ronald Quentin	Arkansas	June 23, 1930	19	6
Ray, Martin Hasset, jr.	New York	June 17, 1930	16	10
Rector, James Alexander, jr.	Kansas	July 1, 1930	18	4
Reeves, Malcolm Clephane	South Carolina	July 7, 1930	19	8
Rice, Tolbert Alexander	Alabama	June 19, 1930	18	3
Rider, Eugene Carter	Kentucky	June 17, 1930	17	4
Ring, Edward Patrick	Connecticut	June 20, 1930	18	5
Risser, Robert Dunlap	Iowa	June 16, 1930	18	4
Ritson, Ernest Leo Edward	New Jersey	June 19, 1930	19	6
Rittenhouse, Ellis Brooks	Delaware	July 21, 1930	18	7
Robbins, Burton McKeen	Florida	June 27, 1930	20	3
Robbins, Orme Campbell	Alabama	June 19, 1930	17	4
Robbins, William Isaac	North Carolina	June 27, 1930	19	9
Robertson, Robert Neal	Texas	June 19, 1930	17	7
Robinson, Richard Stevens	Maine	July 1, 1930	19	9
Robuck, Edmund Ralph	California	June 26, 1930	19	7
Roenigk, John George	Pennsylvania	June 18, 1930	18	3
Rohr, Clifford Maxwell	New York	June 17, 1930	17	3
Rooney, Carl William	do	June 27, 1930	19	3
Rosenberg, Marvin Irving	Colorado	June 19, 1930	18	5
Rottet, Ralph Kaspar	Indiana	June 24, 1930	19	4
Ruffin, George Champion, jr.	Virginia	June 18, 1930	17	3
Rush, Samuel Opdyke, jr.	North Carolina	June 24, 1930	19	1
Rutherford, Reginald	District of Columbia	June 27, 1930	16	10

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Sample, Leon Hughes	Mississippi	June 24, 1930	17	7
Sapp, John Wesley, jr.	Wyoming	June 19, 1930	18	11
Saunders, Theodore Sheppard	Georgia	June 27, 1930	19	3
Savidge, Paul Sheppard, jr.	Washington	June 18, 1930	18	1
Scanland, Francis Worth, jr.	Louisiana	June 17, 1930	17	9
Schantz, Edwin Hillegas	Pennsylvania	June 19, 1930	19	10
Schatz, Otto Carl, jr.	California	June 12, 1930	17	9
Scheibla, Louis Collins	Kentucky	Aug. 28, 1930	18	7
Scherer, Donald Arthur	Florida	June 13, 1930	18	9
Schnable, Allan George	New Jersey	June 17, 1930	19	9
Schoenweiss, Carl William	New York	July 16, 1930	18	7
Schofield, Leslie Harrison	Utah	June 18, 1930	16	6
Schreiber, William Henry	Illinois	June 16, 1930	18	10
Schuessler, Bernard Holstun	Alabama	June 24, 1930	18	1
Schulz, Lester Robert	Colorado	June 30, 1930	17	3
Schwartz, James English	Pennsylvania	June 12, 1930	19	2
Seeds, Elmore Willard	Ohio	June 18, 1930	18	2
Sellars, Robert Fredrick	Oregon	June 24, 1930	20	0
Semmes, Benedict Joseph, jr.	Tennessee	June 19, 1930	17	2
Settle, Walker Andrew, jr.	California	do	17	6
Shallenberger, Martin Conrad, jr.	Nebraska	June 23, 1930	17	9
Sharrocks, Charles Spurgeon	Pennsylvania	July 1, 1930	19	0
Shaw, Samuel Robert	Ohio	do	19	1
Sheffield, Fletcher Lamar, jr.	At large (Pres.)	June 12, 1930	17	4
Shepard, Richard Daniels	do	June 16, 1930	17	8
Shilson, James Starr	do	July 12, 1930	20	2
Shriver, John Frederick	New York	June 18, 1930	17	0
Shunk, Robert Frederick	Washington	July 1, 1930	19	10
Siddle, Eugene Jordan	Wyoming	June 19, 1930	20	1
Sidner, Harvey Frederick	Illinois	June 16, 1930	19	6
Siver, Chester Asa	Wisconsin	June 19, 1930	18	0
Skjonsby, Verne Leslie	North Dakota	June 23, 1930	19	8
Slack, Leslie Martin	Michigan	June 16, 1930	20	2
Smith, Arthur Chester	Massachusetts	June 17, 1930	18	9
Smith, Bernard Adrian	Washington	June 16, 1930	19	2
Smith, Charles Earle, jr.	Ohio	June 26, 1930	18	7
Smith, Hinton Ira	do	June 20, 1930	18	10
Smith, James Edward	Georgia	June 16, 1930	16	6
Smith, John Victor	Pennsylvania	June 30, 1930	18	1
Smith, Roy Campbell, 3d.	New York	June 19, 1930	17	1
Smith, William Preston	do	June 18, 1930	17	11
Smith, William Robinson, 3d.	At large (Pres.)	June 16, 1930	16	11
Smyth, William Astrup	Illinois	do	17	8
Snyder, William Alfred, jr.	Louisiana	June 19, 1930	19	1
Soell, John Block	Missouri	July 25, 1930	19	2
Solenberger, Earl Kenneth	North Dakota	Sept. 2, 1930	18	4
Spicer, Henry Calvin, jr.	Georgia	June 30, 1930	17	5
Stack, Gerald Francis tb.	California	June 28, 1929	18	2
Stanish, George Francis	Montana	June 19, 1930	19	5
Staples, William David, jr.	Alabama	do	18	1
Stark, William Weldon, jr.	Georgia	June 16, 1930	18	7
Stephan, Charles Robert	New York	June 25, 1930	18	9
Stephens, Stuart	Arkansas	June 16, 1930	19	8
Stephenson, Richard Davids	New York	July 14, 1930	17	9
Stevenson, William Alfred	Ohio	June 19, 1930	19	1
Stirling, Cedric Warren	California	June 12, 1930	18	9

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Stivers, Joseph Wiley-----	Missouri-----	July 28, 1930	19	4
Stone, Archibald, jr-----	New York-----	June 20, 1930	20	2
Stone, Lester Jay-----	California-----	June 27, 1930	19	0
Stone, Thomas Benjamin-----	Kansas-----	July 21, 1930	19	10
Strickler, Lyle Eugene-----	Oklahoma-----	June 18, 1930	18	3
Stuart, Richard St. Clair-----	Iowa-----	June 19, 1930	19	6
Stulgis, Joseph Edward-----	Washington-----	July 1, 1930	19	10
Stunkard, McClellan Ferguson, jr-----	Pennsylvania-----	June 25, 1930	19	4
Sunkel, Jacob Hermann, jr-----	Ohio-----	June 19, 1930	18	2
Sweat, George Carroll-----	Florida-----	June 27, 1930	18	6
Sweeney, Albert Earle, 2d-----	Texas-----	June 16, 1930	18	11
Sweeney, William Edward-----	New Jersey-----	July 7, 1930	16	7
Swift, Douglas McKean-----	Massachusetts-----	June 27, 1930	19	5
Taylor, Brown-----	Georgia-----	July 28, 1930	18	1
Taylor, Keith Eikenberry-----	Indiana-----	July 8, 1930	17	4
Taylor, Leslie Kelly-----	Virginia-----	June 18, 1930	20	0
Tharin, Frank Cunningham-----	South Carolina-----	July 21, 1930	19	9
Thompson, Harry LeRoy, jr-----	At large (Pres.)-----	June 12, 1930	16	8
Thompson, Ivan Philip-----	Michigan-----	June 17, 1930	18	1
Thompson, Zane, jr-----	Nebraska-----	July 7, 1930	18	2
Thorne, James Burl-----	Ohio-----	July 1, 1930	20	1
Thurston, Charles Edward, jr-----	New Jersey-----	Aug. 25, 1930	18	10
Tibbets, Joe Bonafield-----	West Virginia-----	July 15, 1930	19	5
Tilburne, Edward Roanoke-----	New York-----	June 17, 1930	17	8
Torrey, Philip Huston, jr-----	Montana-----	June 25, 1930	17	2
Townsend, Robert Lee-----	Texas-----	June 16, 1930	18	10
Truxtun, Thomas-----	Connecticut-----	June 23, 1930	16	5
Turrentine, Rudolph Andrew-----	Texas-----	June 30, 1930	19	6
Tyler, Willoughby Bartlett-----	Virginia-----	July 14, 1930	17	10
Updegrove, Jacob Walter-----	Pennsylvania-----	do-----	17	8
Upham, Frank Kidder-----	Vermont-----	June 20, 1930	19	6
Vadnais, Harry Ward George-----	Minnesota-----	July 28, 1930	20	0
VanArsdall, Clyde James, jr-----	Mississippi-----	June 23, 1930	16	11
Van Buskirk, Beverly Robinson-----	Colorado-----	June 19, 1930	20	2
Van Leunen, Paul, jr-----	Ohio-----	do-----	17	6
Vose, James Everett, jr-----	Rhode Island-----	July 10, 1930	18	1
Walker, George Pearson-----	New Jersey-----	June 25, 1930	19	1
Walker, William Warren-----	Washington-----	June 30, 1930	19	3
Walkup, Benjamin Franklin-----	Indiana-----	June 16, 1930	18	11
Walters, Clarence John-----	Idaho-----	July 7, 1930	19	4
Ward, Sibley Logan, jr-----	Arkansas-----	June 19, 1930	18	6
Ware, Charles Rollins-----	Tennessee-----	June 27, 1930	19	4
Watkins, Terry Lynn-----	Texas-----	July 1, 1930	19	3
Waybright, John Jennings-----	West Virginia-----	June 17, 1930	18	3
Weber, John Edmund-----	Washington-----	July 1, 1930	19	10
Welch, George Warren tb-----	Pennsylvania-----	June 18, 1929	19	6
Weldon, James Joseph-----	New York-----	June 27, 1930	19	11
Weller, John Francis b-----	New York-----	Sept. 27, 1930	18	8
Wells, George Calvin-----	Kentucky-----	June 28, 1930	18	4
West, James Brackenridge-----	Oklahoma-----	July 1, 1930	18	11
Westholm, Rollin Everton-----	Minnesota-----	June 17, 1930	18	10
Whaley, James William-----	Virginia-----	Aug. 4, 1930	19	2
Wheeler, Creighton Lambert-----	do-----	June 27, 1930	20	1
Wheeler, Robert Edward-----	South Carolina-----	June 13, 1930	18	1
Whip, Homer Robinette b-----	Pennsylvania-----	Aug. 26, 1930	19	9
Whitaker, Frank Melvin-----	New York-----	June 23, 1930	20	0

Midshipmen of the fourth class (class of 1934), 647 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Whitaker, Reuben Thornton	Arkansas	July 7, 1930	18	9
White, Marshall William	Missouri	July 14, 1930	19	3
Whitehead, Lloyd Howell	Mississippi	June 17, 1930	19	7
Wigfall, George Hollingsworth	District of Columbia	June 19, 1930	18	8
Wilcox, William Menefee	Texas	July 21, 1930	17	9
Wiley, John Preston	Indiana	July 7, 1930	16	4
Williams, Robert Russell, jr.	New York	July 2, 1930	19	0
Wilson, John Murray	Indiana	June 13, 1930	18	5
Winders, Kline Calvin	Missouri	Aug. 25, 1930	19	3
Wood, Delmont Edward	Florida	June 19, 1930	18	0
Wood, Edward Bennett	Virginia	June 27, 1930	19	10
Wood, Roger Jerome	Michigan	June 30, 1930	17	7
Woodruff, Jackson Avery	Connecticut	June 19, 1930	18	7
Woods, Melvin Winton	Colorado	June 23, 1930	18	3
Worthington, Edward Hicks	Maryland	June 17, 1930	18	3
Wright, James Mahan	Mississippi	do	17	1
Wright, Kenneth Jeffreys <i>r</i>	Nebraska	July 1, 1930	19	4
Wright, Philemon Kennard, jr.	Maryland	June 30, 1930	17	4
Wygant, Edward Guthrie <i>b</i>	Oklahoma	Aug. 25, 1930	20	2
Zeller, Samuel Francis	New York	July 21, 1930	17	2
Zysk, Stephen	do	June 30, 1930	18	10

b Readmitted; date given is date of readmission.*dd* Died.*f* Dismissed.*r* Resigned.*tb* Turned back from class of 1933.

SUMMARY OF MIDSHIPMEN AT UNITED STATES
NAVAL ACADEMY AT BEGINNING OF ACADEMIC
YEAR 1930-31 (SEPTEMBER 26, 1930)

First class (class of 1931).....	448
Second class (class of 1932).....	454
Third class (class of 1933).....	511
Fourth class (class of 1934).....	644
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Total.....	2,057

124

APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

September 27, 1929, to October 9, 1930

SUMMARY OF CLASS OF 1930

Membership of graduating class, June 5, 1930-----	405
Commissioned ensigns, line-----	332
Commission withheld pending reexamination to determine physical qualifications-----	1
Commissioned, ensigns, Supply Corps-----	3
Commissioned second lieutenants, United States Marine Corps-----	28
Graduated; resignations accepted due to physical disqualifications-----	15
Graduated; voluntarily resigned-----	22
Dropped-----	0
Did not graduate; resigned-----	1
Turned back into next lower class on account of illness-----	2
Deficient in studies; turned back into next lower class-----	0
Filipino; graduated but not commissioned-----	1
Did not graduate; required to resign-----	0

Members of the class of 1930 (graduated June 5, 1930) appointed ensigns

[Arranged in order of merit for the completed course. Read first column, then second, etc.]

Jackson, A. McB., jr.	Masterson, K. S.	Nelson, W. T.
Hines, W. T.	Larson, H. N.	Englund, H. W.
Evans, P. C.	Haven, R. C.	Wesanen, W. F.
Spofford, R. T.	Hindman, J. A. E.	Lackner, P. R.
Hean, J. H.	Sutherland, R. T., jr.	Lucker, N., jr.
Heiser, H. M.	Craig, J. R.	MacKay, H. T.
Atkins, G. T.	Dornin, M. E.	Pieczentkowski, H. A.
Horn, P. H.	Douw, V. P.	Haley, T. B.
Alexander, S. M.	Winant, F. I., jr.	Peterson, M. A.
Ennis, W. C.	Johnson, R. W.	Allen, B. C., jr.
Browne, O. M., jr.	Hughes, C. W.	Brook, C. B.
Martell, C. B.	Nixon, R. M.	Randall, S. M.
Howard, J. H.	Whelchel, D. L.	Butterfield, G. N.
White, O. E.	Adkins, J. A.	Heyward, A. S., jr.
Trippensee, B. E. S.	Holmes, E. P.	Kinert, J. O.
Moore, W. B.	Walter, W. A.	Knoll, D. W.
Gladney, D. W., jr.	Foster, W. M.	Gluntz, M. H.
Foster, R. B.	Butler, W. C., jr.	Hart, C. D.
Rodgers, J. W.	Highley, F. E., jr.	Burns, M. C.
Perkins, R. E.	Moore, R. L., jr.	Krick, D. F.
Gentner, W. E., jr.	Chafee, G. B.	Sloat, F. T.
Hilles, F. V. H.	Burgett, W. A.	Ailes, J. W., III
de Vos, P. L.	Hayward, J. T.	Stich, F. S.
Simons, M. H., jr.	Johnson, F. L.	Carmick, E. S.
Briner, R. R.	Bardwell, F. E.	Seay, G. C.
Coates, L. D., jr.	Kirvan, W. H.	Forster, J. F.
Dodge, H. B.	Ensey, L.	Sanders, E. R.

Morton, D. W.	Renfro, E. C.	Adams, S.
Dally, R. S.	Lord, C. W.	Lowrance, V. L.
McKnight, J. R., jr.	Stevens, J. E.	Harris, D. A.
Quiggle, L. C.	Rigsbee, E. O., jr.	Herms, C. R.
Estabrook, W. S., jr.	Moreno, J. A.	Garcia, G. E.
Dennis, J. R.	Tatom, J. F.	Snead, W. O., jr.
Stroh, R. J.	Craighill, R. R.	May, L. G.
Lee, J. E.	Armstrong, J. H., jr.	Colestock, E. E.
Wadsworth, A. S. C.	McGregor, L. D., jr.	Little, E. N.
Hansen, H. O.	Lawver, R. C.	Thomas, W. C.
Corbus, J.	Malpass, R. E.	Ostrom, C. H.
Fuetsch, B. A.	Palmer, G. G.	Hunt, R. C. D., jr.
Engleman, C. L.	Young, J. B. H.	Thornhill, T. J., jr.
Dorsey, J. S.	Marshall, E. S. L.	Ruff, L. E.
Trower, R. S., 3d.	McCombs, C. E.	Haines, N. S.
Earle, O. J.	Newton, R. A.	McMillian, I. E.
Lewis, J. M.	Burgess, J. G.	Lowrey, W. W.
Swan, B. F.	Miller, T. T.	Allen, W. Y., jr.
Scull, G.	Rutter, R. L.	Hubbard, H. S.
Gaulin, V. S.	Heming, H. M.	Bisson, J. K.
Corey, H. G.	Arwine, S. M.	Strohbehn, W. W.
Grove, A. E.	Clarkson, J. S.	Hall, C. G.
Hilton, C. G.	Lincoln, H. A.	Grantham, E. B., jr.
Massey, L. E.	Conn, R. J. H.	Whitfield, J. D., jr.
Sands, E. T.	Hanlin, P. W.	Andrews, C. H.
Ross, R. R.	Jones, L. J.	Earl, C. E.
Davis, J. W.	Heap, G. L.	Thibault, J. L.
Gubbins, W. W.	Brodie, G. K.	Cass, R. S.
Sass, D. J.	Cook, G.	McCullough, M. L., jr.
Stevens, C. B., jr.	Lang, J. G.	Charneco, C. M.
Burden, H. P.	Chambers, G. M.	Lucas, F. C., jr.
Carpenter, G. C.	Halstead, M.	Ebert, W. G.
Luongo, F. P., jr.	Vorhees, M. E.	Mauro, C. T., jr.
Gentry, K. M.	Kosco, G. F.	Dealey, S. D.
Wogan, T. L.	Kiefer, D.	Kelly, E. G.
Holley, G. M., jr.	Shaffer, J. J., 3d.	Marix, G. E.
Esslinger, R. J.	Badger, H. P.	Hawkins, D. D.
Rohr, C. H. A.	Weller, S. P., jr.	Curley, K. E.
Marshall, T. W., jr.	House, H. A.	Cushing, D. B.
Drane, W. McC.	McCready, G. T., jr.	Coe, J. W.
Kohlhas, A. P., jr.	Salisbury, J. S.	Jenkins, W. T.
Miller, A. S.	Hulme, J.	Hahn, E.
Dodson, J. E.	Reinhard, W. A.	Wilson, F. E.
Grant, J. D. L.	Bauer, R. C.	Bowen, J. B., jr.
Miller, F. B.	Laing, F. W.	Marable, H. H.
Kyes, J. E.	Wylie, W. N.	Rosasco, R. A.
McClain, W. H.	Adams, C. R.	Wakefield, E. K.
Gragg, J. B.	Sharp, R. N.	Fairchild, M. D.
Clark, H. G.	Breault, J. L., jr.	Tisdale, W. G., jr.
Taylor, R. H.	Boyle, L. DeV.	Patten, R. M.
MacGregor, E. J., 3d.	O'Beirne, E.	Van Metre, T. J.
Agnew, J.	Dorner, E. P. ¹	Brokenshire, D. B.
Blackburn, P. P., jr.	Spence, H. W.	Ellis, W. E.
Brady, P. H.	Brumby, E.	Roby, A. B.

¹ Commission withheld pending reexamination to determine physical qualifications.

Whitaker, J. M.	Dimmick, J. B.	Wagner, E. O.
Boyd, A. M., jr.	Owen, A. E.	Williams, M. B.
Gross, R. L.	Haile, J. R.	Wygant, H. S., jr.
Mayo, R. L.	McGlathery, R. D.	Woodard, W. T.
Post, W. S., jr.	Carter, F. M.	Westropp, H. P.
Briner, H. V.	Smith, H.	Spring, A. F.
Robinson, F. L.	Woodruff, J. A., jr.	Robinson, O. W.
Doyle, W. T., jr.	Howell, J. G.	Foott, G. W., jr.
Coates, R. F.	Mott, E. B., 2d.	Newell, B. B.
Verhoye, H. J.	Harmon, W. L.	Duryea, H. E.
Block, E. M.	Harrell, N.	Wolverton, R. A.
Smith, P. T., jr.	Sutton, R. D.	Lidstone, N. A.
Hutchins, T. B., 3d.	Jennings, R. F.	Over, G. R.
Long, V. O.	Newsome, J. H.	Gilliam, C. R.
Koepke, L. L.	Campbell, N. A.	Chapple, W. G.
Sanchez, H. G.	Webb, T. S.	Mathews, L. O., jr.
Konigsberg, A.	Germany, R. W., jr.	Reeder, F. M.
Moffett, W. A., jr.	Flynn, J. F.	Douglass, A. P.
McLeod, B. F.	Ruddy, J. A., jr.	Clifton, J. C.
Robbins, J. A.	Bristol, J. M.	Newman, R. L.
Sisson, J. E.	Wilbourne, W. W.	Edwards, J. E.
Azer, J. B.	Hanson, B. S, jr.	Randolph, S. A.
Lynch, O. D. T.	Coffee, D. M.	Kaiser, W. C.
Whitehurst, E. H.	Eddy, I. C.	Heerbrandt, P. F.
Sanders, W. H., jr.	Haynsworth, H. C., jr.	Howerton, C. C.
Westhofen, C. L.	Dunn, E. J.	Wright, T. K.
Farmer, W. H.	Nutting, K. L.	Vosseller, J. O.
Nix, J. J.	Stevenson, H. C.	Barrett, A. J., jr.
Wingard, W. C., jr.	Clark, B. V.	McPherson, K. S.
Feiock, H. K.	Olney, D. W.	Conner, R. R.

Appointed second lieutenants in Marine Corps

Hughes, T. B.	Russell, P. W.	Price, E. O.
Wagner, F. G., jr.	Steiner, W. B.	Hill, R. E.
Moret, P.	Reinecke, F. M.	Daly, J. M.
Bauer, H. W.	Davis, J. M.	Pusel, N. J.
McKean, W. B.	Fromhold, W. H.	Salmon, R. D.
Beans, F. D.	Wilbur, J. T.	Lloyd, R.
Herndon, G. G.	Hayes, C. H.	Fry, E. W., jr.
Greene, W. M.	Weller, D. M.	Brunton, L. C.
Williams, F. H.	Yeaton, S. S.	
Boyle, S.	Montgomery, E. A.	

Appointed ensigns in Supply Corps

Prien, W. F.	Cardwell, L.
Bourgeois, A. J.	

Deaths

Name and class	Date of death
Worthington, Francis Hardesty, class of 1933.....	July 1, 1930

Dismissals

Name and class	Date dismissed
Burgin, Miller Strange, class of 1932	July 26, 1930
Hunt, Richard Field, jr., class of 1931	Sept. 5, 1930
Myatt, Lawrence Leslie, class of 1932	July 26, 1930
Stevens, Frank Edmund, jr., class 1933	Oct. 23, 1929

Dropped

Name and class	Date dropped
Faunce, John Henry, class 1933	Jan. 21, 1930
Flint, Francis Cleland, class 1933	Jan. 16, 1930

Resignations

Name and class	Date resigned
Adams, Richard Walker, class of 1931	Apr. 10, 1930
Akstull, John Donald, class of 1932	Feb. 10, 1930
Allen, Morse, class of 1933	Feb. 17, 1930
Anderson, John Frailey, class of 1932	Feb. 10, 1930
Andrews, Charles Marshall, class of 1932	Feb. 10, 1930
Ardito, William Angelo, class of 1931	Feb. 1, 1930
Arnold, William Potter, class of 1933	Dec. 10, 1929
Ashton, Arthur Harold, class of 1930	June 5, 1930
Atwood, Harry, jr., class of 1933b	Apr. 10, 1930
Backstrom, James Eugene, class of 1932	Feb. 10, 1930
Bailey, Claude Fenn, class of 1932b	Sept. 13, 1930
Bailey, Wendell Ernest, class of 1933b	Feb. 10, 1930
Baldrige, Harry Alexander, jr., class of 1932	Sept. 13, 1930
Barnard, Lewis, jr., class of 1933b	Feb. 10, 1930
Bates, Richard Harned, class of 1930	June 5, 1930
Beardslee, William Walter, class of 1933b	Feb. 10, 1930
Bell, Francis Smith, class of 1932	Sept. 13, 1930
Bell, Walter Frank, class of 1932	Dec. 24, 1929
Bence, Robert Lawrence, class of 1931	Nov. 1, 1929
Blakely, John Siler, class of 1933b	Feb. 10, 1930
Blanchard, Boyd Edward, class of 1930	June 12, 1930
Blanning, Edwin Joseph, jr., class of 1930	June 5, 1930
Blemker, Nyle Louis, class of 1930	June 14, 1930
Bouve, Warren Lincoln, class of 1931	Jan. 14, 1930
Boyle, Joseph Hannon, class of 1932	Feb. 10, 1930
Bradman, Frederic Cushing, class of 1931	Oct. 6, 1930
Brewster, Willits Alden, class of 1930	Oct. 25, 1929
Bulkeley, Eugene Chester, class of 1932	Feb. 10, 1930
Byers, William Robert, class of 1932	Feb. 10, 1930
Bryde, Walter Joseph, class of 1933	Feb. 10, 1930
Cable, Thomas Hamilton, class of 1930	June 5, 1930
Caillouet, Jean Louis, jr., class of 1930	June 5, 1930
Campbell, Harold William, jr., class of 1933b	Feb. 10, 1930
Canaday, Harry Ridge, class of 1930	June 5, 1930
Carter, Tim Lee, class of 1933	Jan. 30, 1930
Coffin, Le Roy Andrew, class of 1931	Nov. 11, 1929
Conway, John Bradford, class of 1932	Mar. 20, 1930
Cooke, Elmer Rudolph, class of 1933	Jan. 30, 1930
Cooper, Ernest Greene, jr., class of 1933b	Sept. 13, 1930
Cowell, LaVere, class of 1931	Sept. 24, 1930
Crowder, Edwin Boggs, class of 1933	Oct. 14, 1929
Crowell, Lorenzo Mayo, jr., class of 1933	Feb. 10, 1930

Name and class	Date resigned
Dallman, David Edward, class of 1930	June 5, 1930
Danenhower, John, class of 1933b	Feb. 10, 1930
Davis, Frank Mandeville, class of 1932	Dec. 24, 1929
Davis, Thomas William Smith, class of 1932	Feb. 10, 1930
Dees, Benjamin Woodall, class of 1933	Nov. 19, 1929
Denton, Arthur Austin, jr., class of 1932	Apr. 10, 1930
Dickinson, John Overton, class of 1933	Apr. 14, 1930
Dodson, Bennett Merritt, class of 1933	Feb. 10, 1930
Donaldson, Francis, jr., class of 1932	June 6, 1930
Donovan, Milton Daniel, class of 1933	June 6, 1930
Drake, Nels D'Arcy, class of 1930	June 5, 1930
Droom, Lawrence Kendall, class of 1933	Oct. 14, 1929
Duell, Robert Ensor, class of 1932	Jan. 15, 1930
Edgerton, Everett William, class of 1930	June 5, 1930
Ely, Louis Breton, class of 1932	Feb. 1, 1930
Epperly, William Francis, class of 1930	June 5, 1930
Fackler, Ralph Waldo, class of 1932	Apr. 10, 1930
Farnham, Duane Wesley, class of 1930	June 5, 1930
Farrow, Wayne Lewis, class of 1933	May 31, 1930
Farwell, Charles Bradford, class of 1933b	Feb. 6, 1930
Fekete, Thomas Ford, class of 1933	Feb. 12, 1930
Fisher, Edward Whitney, class of 1931	Mar. 20, 1930
Fisher, Robert Slack, class of 1933	Oct. 15, 1929
Fisher, William Wallace, class of 1933	Feb. 10, 1930
Fly, William Lafayette, jr., class of 1933b	Feb. 10, 1930
Fowlkes, Edward Taylor, class of 1933b	Feb. 10, 1930
Frey, Charles Weiser, class of 1932b	Feb. 10, 1930
Fulp, James Douglas, jr., class of 1933b	Feb. 10, 1930
Gagnon, Lewis Theodore, class of 1930	Jan. 16, 1930
Geary, Jerome Pendleton, class of 1930	Feb. 10, 1930
Girard, Clet Anthony, jr., class of 1933	Dec. 21, 1929
Grannis, Russell Lynn, class of 1930	June 5, 1930
Greenbank, Lawrence Worthington, class of 1931	Nov. 4, 1929
Greenlee, Halford Robert, jr., class of 1932	Mar. 25, 1930
Grossman, George Sample, jr., class of 1933b	Feb. 10, 1930
Grove, James Francis, class of 1932	Feb. 10, 1930
Gunther, Rush Bailey, class of 1932	Mar. 25, 1930
Hall, David Kenneth, class of 1933	Nov. 29, 1929
Hamer, John Byron, class of 1933	June 6, 1930
Hammond, Clement James, class of 1933b	Feb. 10, 1930
Hastings, Richard Ellis, class of 1933b	Feb. 10, 1930
Hayward, Verburt Norton, class of 1932	Feb. 10, 1930
Henry, Woodville Thompson, class of 1930	June 5, 1930
Hewitt, George Billings, class of 1933	Feb. 10, 1930
Hewitt, Gerald Sellen, class of 1930	June 5, 1930
Higham, Marritt Stewart, class of 1933	Feb. 10, 1930
Hills, Ivan Gilbert, class of 1933	Apr. 10, 1930
Hindrelet, Albert Francis, class of 1930	Apr. 10, 1930
Hirtle, Allen Tremaine, jr., class of 1933	Feb. 10, 1930
Holladay, Douglas Stockton, class of 1933b	Feb. 10, 1930
Holland, Harvison Catlin, class of 1933	Sept. 5, 1930
Holt, Herman William, class of 1930	June 5, 1930
Honnold, Isaac Preston, class of 1933b	Sept. 13, 1930
Hughes, David Emerson, class of 1932	Dec. 23, 1929

Name and class	Date resigned
Hunter, Edwin Ford, jr., class of 1933	Jan. 8, 1930
Hutchinson, Edward Leigh, class of 1932	Apr. 10, 1930
Jennings, Zack David, class of 1930	Feb. 10, 1930
Johnson, Harold Frank, class of 1930	June 5, 1930
Kashower, Robert Herman, class of 1932	Jan. 10, 1930
Keyes, Franklin George, class of 1932	Oct. 3, 1930
Kirch, Frederick James, class of 1932	Jan. 21, 1930
Kues, Paul Herman, class of 1933	Nov. 30, 1929
Lajoye, John Charles, class of 1933	Feb. 10, 1930
Lamb, Joseph Bentley, class of 1931	May 29, 1930
Lampe, Alfred Ernest, class of 1930	June 5, 1930
Lee, Robert Edward, class of 1933	Feb. 10, 1930
Leeper, Harold Burton, class of 1931	Dec. 13, 1929
Leffert, Burton Chester, class of 1933	Feb. 10, 1930
Legaré, Herman Keith, class of 1930	June 5, 1930
Lewis, Neilson Wilde, class of 1931	Jan. 31, 1930
Liessman, Emerson Oliver, class of 1933	Feb. 10, 1930
Lucas, Samuel Brooks, class of 1933b	Feb. 10, 1930
Lynch, Robert Francis, class of 1930	June 5, 1930
MacConnell, John Courtney, class of 1933	Feb. 10, 1930
MacDonald, Luther Duncan, class of 1931	Feb. 20, 1930
Mackintosh, John Attrill, class of 1933	Feb. 10, 1930
Manwaring, James Murray, class of 1932	Feb. 10, 1930
Marcy, Deane Sidney, class of 1933	Jan. 17, 1930
Marlowe, Robert Aloysius, class of 1933b	Sept. 13, 1930
Matthews, John Stanley, class of 1932	Feb. 10, 1930
Maynard, Robert Horace, class of 1930	June 5, 1930
McAllister, John Anderson, class of 1933	June 6, 1930
McCormick, Nelson Calhoun, class of 1933	Mar. 17, 1930
McDougal, Douglas Cassel, jr., class of 1932	Aug. 13, 1930
McGoff, John Edward, class of 1933b	Apr. 10, 1930
McGuire, Hudson Lee, class of 1932	Apr. 10, 1930
McKenney, Warren Haill, class of 1932	Feb. 10, 1930
McKibbin, Carlyle Rentz, class of 1932	Feb. 10, 1930
McKissack, Thompson Pope, class of 1933b	Feb. 10, 1930
McMahan, William Alva, class of 1931	Nov. 4, 1929
McMartin, James McIntyre, class of 1931	Apr. 9, 1930
McPeake, Richard Hayes, class of 1930	June 5, 1930
McVay, Robert Locher, class of 1932	Feb. 10, 1930
Meers, William Henry, class of 1933	Feb. 10, 1930
Miller, Horace Sadler, class of 1933	Jan. 11, 1930
Milliren, Glenn Alvin, jr., class of 1932	Feb. 10, 1930
Montgomery, William Penn, jr., class of 1932	Sept. 27, 1930
Moore, Robert Clem, class of 1932	Dec. 24, 1929
Mosk, Milton Stanford, class of 1933	June 6, 1930
Mulit, Lloyd Henry, class of 1930	June 5, 1930
Mullan, Hugh, class of 1933b	June 6, 1930
Murphy, Frank James, class of 1933b	Feb. 10, 1930
Neal, Alvin Willard, class of 1930	June 5, 1930
Nugent, Thomas Edward, class of 1933	Dec. 21, 1929
O'Connor, Desmond Kiernan, class of 1933	June 6, 1930
O'Handley, Joseph Allen Edward, class of 1930	June 5, 1930
Oren, John Birdsall, class of 1933	Feb. 10, 1930
Paradzinski, Alexander Joseph, class of 1932	Dec. 17, 1929

Name and class	Date resigned
Parks, Charles Henry, class of 1932	Feb. 27, 1930
Patton, David Uriah, class of 1933	Feb. 10, 1930
Peery, George Atwood, class of 1931	May 29, 1930
Pegelow, Frederic George, class of 1933b	Feb. 10, 1930
Petrie, James Henry, class of 1933	Feb. 10, 1930
Philburn, Robert Valentine, class of 1932	Feb. 17, 1930
Phillips, Walter Blackburn, class of 1930	June 12, 1930
Post, Richard Jordan, class of 1933	Feb. 10, 1930
Prentice, Joseph Rollin, class of 1933b	Feb. 10, 1930
Price, Thomas Davis, class of 1930	June 5, 1930
Rain, Francis Merrell, class of 1932	June 6, 1930
Reuland, Walter Philip, class of 1933	Sept. 13, 1930
Reynolds, Thomas Flatley, class of 1933	Feb. 10, 1930
Rising, Alexander Benjamin, class of 1933	Aug. 29, 1930
Riva, Victor Emmanuel, class of 1930	June 5, 1930
Roberts, Earl, jr., class of 1933	Apr. 10, 1930
Rodgers, James Macklin, class of 1932	Feb. 10, 1930
Rosen, Charles, class of 1932	June 6, 1930
Ross, Emmett Collins, class of 1932	Dec. 9, 1929
Rouse, Leon Matheny, class of 1932	Apr. 18, 1930
Rousseau, Charles Lewis, class of 1933	Feb. 10, 1930
Saunders, John Charles, class of 1932	Feb. 21, 1930
Schantz, Joseph Dise, class of 1932	Dec. 24, 1929
Severs, Hugh Barrett, class of 1932	July 8, 1930
Sharpe, Herman Taft, class of 1933	Jan. 8, 1930
Sheeley, William Robert, class of 1930	June 5, 1930
Sherwin, Thornton, class of 1932	Feb. 10, 1930
Smith, Bert Leroy, class of 1933	Feb. 10, 1930
Smith, Clyde Edward, class of 1933	Oct. 22, 1929
Smith, Julius Lundie, jr., class of 1930	June 5, 1930
Snyder, Joseph Cantwell, class of 1930	June 5, 1930
Steel, Robert Justin, class of 1931	May 27, 1930
Stewart, Henry James, class of 1933	Feb. 10, 1930
Stewart, William Henry, class of 1930	June 5, 1930
Stretch, David Albert, class of 1930	June 5, 1930
Thompson, Lloyd Cooper, class of 1930	June 5, 1930
Threlkel, Frank Hays, class of 1932	Aug. 13, 1930
Timmons, Thomas Jackson, class of 1933	Feb. 10, 1930
Tinkle, Clarence Everett, class of 1933	Jan. 8, 1930
Tonkin, Albert Hoyle, class of 1933	Feb. 10, 1930
Van de Water, Donald Fremont, class of 1932	Dec. 23, 1929
Van Horne, George Ransom, class of 1932	Feb. 10, 1930
Van Slyke, John Rosser, class of 1932	Aug. 30, 1930
Walker, Thomas Newell, class of 1931	Feb. 10, 1930
Weaver, Isaac Tenison, class of 1933	Feb. 10, 1930
Weiss, Frederick Adolph, jr., class of 1930	June 5, 1930
Welch, Othal Cleveland, class of 1933	Apr. 10, 1930
Weller, John Francis, class of 1933b	Sept. 13, 1930
West, Albert Roswell, class 1930	June 5, 1930
Whip, Homer Robinette, class of 1933b	Apr. 10, 1930
White, Augustine Withers, jr., class of 1933	Feb. 10, 1930
White, Zebulon Lewis, class of 1931	Sept. 24, 1930
Will, Robert Edgar Nichols, class of 1933	Feb. 10, 1930
Williams, Glendon Dean, class of 1930	June 5, 1930

Name and class	{Date resigned
Williams, James Daniel, class of 1933.....	Apr. 26, 1930
Williford, Vaughan Buford, class of 1932.....	Feb. 10, 1930
Wister, John Howard, class of 1933.....	Sept. 24, 1930
Wright, Kenneth Jeffreys, class of 1934.....	Sept. 24, 1930
Wygant, Edward Guthrie, class of 1933b.....	June 6, 1930
Yarnell, Philip, class of 1933.....	Feb. 10, 1930
York, Harold Chester, class of 1932.....	Feb. 21, 1930
Young, Peter William, class of 1932.....	Oct. 15, 1929

Retained in next lower class

Name	Date turned back
Bitterman, David Eugene, class of 1932 to class of 1933.....	Apr. 8, 1930
Bradman, Frederic Cushing, class of 1930 to class of 1931.....	May 29, 1930
Chambers, Lester Smith, class of 1933 to class of 1934.....	May 29, 1930
Collett, James Dahlman, class of 1931 to class of 1932.....	Apr. 8, 1930
Criswell, Robert Parker, class of 1933 to class of 1934.....	Sept. 10, 1930
Fernald, Frank Stanford, class of 1932 to class of 1933.....	Apr. 8, 1930
Freeberg, Sidney Arthur, class of 1930 to class of 1931.....	May 29, 1930
Geist, John Willard, class of 1933 to class of 1934.....	May 29, 1930
Green, John Cawley, class of 1933 to class of 1934.....	Sept. 10, 1930
Hampton, Isaiah Martin, class of 1933 to class of 1934.....	May 29, 1930
Harper, Thaddeus Steven, jr., class of 1933 to class of 1934.....	May 29, 1930
Haworth, Karl Frederick, class of 1932 to class of 1933.....	May 10, 1930
Houck, Ray Wallen, class of 1933 to class of 1934.....	May 29, 1930
Hunter, Percival, jr., class of 1933 to class of 1934.....	May 29, 1930
Ingling, Alan Lloyd, class of 1933 to class of 1934.....	May 29, 1930
Johnston, Dewey George, class of 1933 to class of 1934.....	June 10, 1930
Kimbell, Henry Tyus, jr., class of 1933 to class of 1934.....	May 29, 1930
Knapp, Gerald Anton, class of 1933 to class of 1934.....	May 29, 1930
Leverenz, Roy Fred, class of 1932 to class of 1933.....	Apr. 8, 1930
Lewis, Hugh Howard, class of 1933 to class of 1934.....	May 29, 1930
Loveland, Kenneth, class of 1932 to class of 1933.....	Jan. 7, 1930
Merrill, Ralph Standish, class of 1933 to class of 1934.....	May 29, 1930
Mothersill, Philip Wilder, jr., class of 1930 to class of 1931.....	Apr. 8, 1930
Mumma, George Edwin, class of 1933 to class of 1934.....	May 29, 1930
Rouse, Leon Matheny, class of 1931 to class of 1932r.....	Apr. 8, 1930
Stack, Gerald Francis, class of 1933 to class of 1934.....	May 29, 1930
Stieler, Roland Emil, class of 1931 to class of 1932.....	Sept. 4, 1930
Sturr, Henry Dixon, class of 1932 to class of 1933.....	Apr. 8, 1930
Todd, Donald Whiley, class of 1930 to class of 1931.....	Apr. 8, 1930
Von Woglom, Louis Ethan, class of 1932 to class of 1933.....	Apr. 8, 1930
Walker, Robert Power, class of 1931 to class of 1932.....	July 2, 1930
Welch, George Warren, class of 1933 to class of 1934.....	May 29, 1930

b Readmitted with class of 1934.*r* Later resigned.

Second class organization—summer 1930

Battalion Commander, Bryan, L. A.. (1) Adjutant, Cox, W. R..... (4)

Sub Commander, Caley, A. D..... (3) Commissary, Baldrige, H. A., jr.... (2)

	First Company	Second Company	Third Company	Fourth Company
Company commander..	Davis, J. B.....	Bowers, T. K.....	Simpson, R. T.....	McCrea, V. B.
Chief petty officer.....	Frazer, C. L.....	Brown, L. S.....	Moore, R. B.....	Hurley, T. B.
First platoon commander.	Lockwood, H. C...	Baker, H. E.....	Sosnoski, H.....	Young, R. C.
Second platoon commander.	Fleck, T. M.....	Bell, F. S.....	McIver, D. C.....	Ramey, J. W.
Third platoon commander.	Hodgkins, E. R...	Foley, F. D.....	Garrison, M. E...	Leeds, J. R.
First platoon mustering petty officer.	Young, M. T.....	Waters, O. D., jr..	Weschler, C. J....	Stannard, W. T.
Second platoon mustering petty officer.	West, J. T.....	Jaap, J. A.....	Schmidt, M. G...	Burgin, M. S.
Third platoon mustering petty officer.	Ernst, S. A.....	Corry, J.....	Goodman, D. C...	Seely, H. W.
First petty officer.....	Keyes, F. G.....	Burdick, D. G....	Perkins, W. B., jr.	Phares, E. L.
Do.....	Bailey, G. W.....	Palmer, C. J.....	Konrad, E. G.....	Holloway, C. E.
Do.....	Parker, F. M.....	Howe, F. N.....	Ruckner, E. A....	Montgomery, T. J.
Do.....	Kasperek, C. E....	Lark, J. A.....	Crowley, D. S....	Bush, H. P., jr.
Do.....	White, T. H.....	Evans, R. L.....	Franklin, W. R....	Weeks, R. H.
Do.....	Gramlich, F. M....	Elliott, L. T.....	Parker, A. E.....	Kirn, L. J.
Do.....	Shumway, D. W...	Abrahamson, E. P.	Cook, H. S.....	Ward, A. G.
Do.....	Brannon, H. R....	Short, W. B., jr..	Finney, F. P., jr..	Rhoads, N. B., jr.
Do.....	Reiter, H. L., jr..	Lambert, R. H....	Warfield, T. G....	Munger, M. T.

Alphabetical list of those members of the class of 1932 who were retained at the Naval Academy during the summer of 1930 to undergo practical instruction in aviation and engineering subjects

Abrahamson, E. P.	Bush, H. P., jr.	Elliott, L. T.
Acker, F. C.	Caley, A. D.	Enrick, P. E.
Adams, A. B., jr.	Campbell, H. J.	Enright, W. K.
Adams, R. D.	Cann, P. W.	Ernst, S. A.
Allen, H. I., jr.	Caperton, H. O.	Evans, R. L.
Andrew, J. D.	Carpenter, T. E.	Everett, C. H., jr.
Archer, S. M.	Carroll, D. L., jr.	Everett, J. L., jr.
Arthur, L. A.	Carroll, G. N.	Fahy, J. S.
Asman, E. C.	Catlett, W. J., jr.	Fairbanks, J. F., jr.
Asmuth, W., jr.	Chambers, T. E.	Faires, C. F., jr.
Atkins, B. K.	Chase, E. G.	Fang, O. E.
Bailey, B. F.	Chase, I., jr.	Fawcett, M. A.
Bailey, B. L.	Chittenden, J. L.	Fawkes, E. E.
Bailey, C. F.	Clement, J. M.	Feldscher, W.
Bailey, G. W.	Close, B. E.	Fink, G. R.
Baker, H. E.	Cobb, C. O.	Finney, E. P., jr.
Baker, R. L.	Coleman, E. S.	Fleck, T. M.
Baldrige, H. A., jr.	Coleman, H. M.	Flenniken, J. A.
Bandy, J. I.	Coleman, W. D.	Foley, F. D.
Beardslee, G. R.	Collett, J. D.	Ford, J. C., jr.
Beer, R. O.	Colley, T. J.	Frakes, D. R.
Beers, Colwell E.	Connaway, F.	Francis, H. G.
Bell, F. S.	Cook, H. S.	Franklin, W. R.
Bellinger, G. L.	Coombs, R. E., jr.	Frazer, C. L.
Best, R. H.	Cope, A. L.	Freund, B. W.
Bigaouette, F. J.	Corry, J.	Fulton, R. B., 2d.
Bigler, J. C.	Corson, G.	Gamble, R. L.
Billingsley, E. B.	Counihan, J. L., jr.	Garrison, M. E.
Binns, J. A.	Cox, W. R.	Gates, A. E., jr.
Bisson, R. O.	Coxe, A. B., jr.	Gibson, S. K.
Blair, R. H.	Craig, J. G., jr.	Gold, C. C.
Blaisdell, N. E.	Craighill, R. S.	Goodgame, R. E., jr.
Bond, F. W., jr.	Crowley, D. S.	Goodhue, A. A.
Born, H. E.	Dale, R. H.	Goodman, D. C.
Bowers, T. K.	Davis, J. B.	Gorsline, R. H.
Bowser, A. L., jr.	De Long, H. C.	Gothie, D. S.
Brannon, H. R.	Denig, R. L., jr.	Gramlich, F. M.
Brewer, C.	Dennett, M. E.	Greene, R. O.
Brindupke, C. F.	De Witt, J. C., jr.	Greenlee, A. W.
Bronson, F. S.	de Zayas, H.	Gregory, R. V.
Brown, L. S.	Dial, N. M.	Grider, J. M.
Brown, S. W.	Dibrell, A. G., jr.	Grouleff, P. H.
Brown, W. W.	Dickinson, A. W.	Groverman, W. H., jr.
Brumby, F. H., jr.	Dimietrijevic, W. J.	Halsey, L. B.
Bryan, L. A.	Dobbs, W. A.	Hamilton, M. J.
Bull, W. I.	Domenech, J. P.	Hanson, A. E.
Bunce, P. G.	Douglass, F. M.	Hardie, T. G.
Burdick, D. G.	Dreany, H. H.	Harral, B. J.
Burgin, M. S.	Dropp, A. H.	Harrington, P. H.
Burrowes, E. E.	Eastwold, E. R.	Harwell, J. L.

Harwood, R. D.	Keyes, C. M.	McCormick, J. J.
Hayes, J. H.	Keyes, F. G.	McCornock, S. A.
Head, H. H.	Keyser, C. H.	McRea, V. B.
Heinlein, O. A., jr.	Kinert, D. F.	McDonald, D. H.
Hendrick, H. L., jr.	King, O. B.	McDougal, D. C., jr.
Hitchcock, C.	Kintberger, L. S.	McGoldrick, J. A.
Hobbs, G. O.	Kirn, L. J.	McIver, D. C.
Hodge, E. D.	Klinksiek, H. T.	McLeod, D. K.
Hodgkins, E. R.	Knock, D. C., jr.	Meador, E. B.
Holloway, C. E.	Knoertzer, H. A.	Miller, J. S.
Holloway, W. P.	Koivisto, M. M.	Miller, W. R.
Holmes, W. M.	Konrad, E. G.	Mitchell, G. H.
Holt, P. C.	Kretz, C. H., jr.	Moncure, S. P.
Hooper, J. H.	Kuhl, J. H.	Montgomery, T. J.
Hopkins, T. W.	Labouisse, S. S.	Montgomery, W. P., jr.
Horner, J. S.	Lamade, J. D.	Moore, H. G.
Howe, F. N.	Lambert, R. H.	Moore, J. A.
Howle, W. G.	Langen, T. D. F.	Moore, R. B.
Hughes, G. E.	Lank, T. S.	Morgan, R. A.
Hull, H.	Lanman, C. B.	Morse, J. H., jr.
Humes, R. M.	Lapidus, E. A.	Munger, M. T.
Humiston, J. G.	Lark, J. A.	Munholland, J.
Hummer, H. C.	Latta, F. D.	Munson, H. G.
Humrichouse, J. W.	Lavery, R. J.	Murphy, C. L., jr.
Hunter, G. C.	Leeds, J. R.	Murphy, J. E., jr.
Hurley, T. B.	Leonard, R. C.	Murray, E. N.
Hurst, E. W.	Letts, K. P.	Musgrave, C. W.
Hutchings, C. S.	Leverett, T. R.	Mustin, L. M.
Hutchinson, G. L.	Lewis, J. S.	Myatt, L. L.
Hydeman, E. T.	Lewis, P.	Myers, J. C.
Innis, W. D.	Lewis, W. H.	Nelson, C. P.
Jaap, J. A.	Lietwiler, J. M.	Nicholas, N. J.
Jacobs, J. F., jr.	Little, R. B.	Nisewaner, T. A.
James, G. S., jr.	Lockwood, H. C.	Nuessle, F. E.
Janz, E.	Loughlin, J. J., jr.	O'Connor, M. B.
Jewett, G. W., jr.	Lowndes, T. P.	Odend'hal, C. J., jr.
Johnson, Clifford A.	Lucier, R. O.	Osler, P. G.
Johnson, J. H. S.	Luker, G. R.	Ottinger, G. M.
Johnson, R. C.	Lunger, J. P.	Outerson, W.
Johnson, S. H.	Lyons, C. M., jr.	Ovrom, A. A.
Jones, J. P., jr.	Lyons, W. B. B.	Owens, H. A.
Jonson, W. C., jr.	Maher, E. H.	Palmer, C. J.
Jukes, H. L.	Major, A. S., jr.	Parker, A. E.
Kaplan, A. D.	Mallory, C. K., jr.	Parker, F. M.
Kasperek, C. E.	Mandelkorn, R. S.	Parks, J. R.
Kaufman, J. H.	Mang, L. W.	Parrish, L. W.
Keen, C. R.	Marshall, J. G.	Pavlic, M. F.
Keene, C., jr.	Mather, M. C.	Payne, E. K.
Kehl, G. W.	Matter, A. R.	Perkins, C. E.
Kelly, W. D.	Maulsby, R. J. C.	Perkins, W. B., jr.
Kemper, J. L.	Mayer, R. H.	Pfingstag, P. W.
Kenna, W. E.	McAlpine, L. H.	Phares, E. L.
Kerr, F. I.	McCandless, B.	Phillips, C. E.
Kerr, R. H.	McCarley, H. H.	Phipps, J. C.

Pierce, G. E.	Shovestul, P. J.	Underwood, G. W.
Pinkston, E. R.	Shumway, D. W.	Underwood, R. D.
Pitts, R. M.	Silverstein, M.	Utter, H. T.
Pletta, F. A.	Simmers, C. R.	Vandling, R. E.
Porter, G. E., jr.	Simpson, R. T.	Van Evera, J. R.
Porter, R. R.	Slayden, A. W.	Van Every, S. A., jr.
Pressey, G. W.	Small, S. C.	Vanous, W. W.
Prince, H. R.	Smiley, C. B.	Van Slyke, F. A.
Quarles, S. F.	Smith, C. H.	Van Slyke, J. R.
Quirk, P. D.	Smith, D. F., jr.	Vaughan, F. O.
Ramey, J. W.	Smith, H. E.	Vaughan, J.
Raring, G. L.	Smith, J. B.	Vorpahl, A. H.
Raymond, W. H., jr.	Smith, J. G.	Vrooman, W. T.
Reader, J. C., jr.	Smith, Lawrence.	Wagnon, L. E.
Reilly, J. V.	Smith, Levering.	Walker, R. P.
Reiter, H. L., jr.	Smith, L. O.	Ward, A. G.
Rhoads, N. B., jr.	Smith, R. C.	Warder, T. G.
Rice, G. F.	Smyth, L. W.	Warfield, T. G.
Richards, W. L.	Snowden, E. M.	Waters, O. D., jr.
Roach, J. P.	Snyder, P. L.	Weaver, D. A.
Robar's, W. C. F.	Sosnoski, H.	Weeks, R. H.
Roblin, R. D.	Soule, R. A., 3d.	Wellings, A. A.
Rogers, G. P.	Spangler, J. G.	Weschler, C. J.
Rooney, G. A.	Speer, J. O.	West, J. T.
Ross, R. D.	Spiers, J. I. R.	Weston, W. H.
Roudebush, J.	Stannard, W. T.	White, T. H.
Rounds, H. P.	Starr, M. T.	Widhelm, W. J.
Ruble, H. E.	Stevenson, G. N.	Wigelius, F. E.
Ruckner, E. A.	Stoner, H. F.	Wilder, A. F. P.
Ruhlman, F. L.	Strickler, R. L.	Wildner, A.
Sampson, N. J.	Stuart, W. A.	Willard, C. S.
Sargent, H. L.	Sugarman, C. M.	Williams, P. D.
Schall, T. D., jr.	Sunderland, M.	Williams, Rich'd C., jr.
Scherini, O. A.	Sutton, J. J.	Williamson, L.
Schmidt, M. G.	Tagg, W. L.	Williamson, M. W.
Schroeder, W. P.	Taylor, E. W.	Williamson, T. F.
Schultz, F. B.	Tennent, J. G., 3d.	Willson, J. J.
Schwartz, I. J.	Thomas, D. I.	Wilson, G. R.
Schweitzer, E. S.	Thomas, J. A.	Wilson, R. L.
Scott, D. D.	Thompson, F. C.	Wilson, R. M.
Scott, R. C.	Thompson, J.	Wilson, W. R.
Seager, J. W.	Threlkel, F. H.	Winter, W., jr.
Seely, H. W.	Todd, K. S.	Wintle, J. W.
Severs, H. B.	Toft, J. C., jr.	Witherow, J. F., jr.
Shaw, S. L.	Townsend, H. E.	Wolsieffer, F.
Shea, J. D.	Townsend, W. E.	Woodward, E. C.
Shelton, H. E., jr.	Tschirgi, H. C.	Wylie, J. C., jr.
Shinn, A. M.	Tucker, A. J., 2d.	Young, M. T.
Shinn, W. B., jr.	Turton, H. J.	Young, R. C.
Short, W. C., jr.	Tuttle, M. H.	Zink, W. T., jr.

COURSE OF INSTRUCTION, 1930-31

[Reference books are marked *]

FIRST YEAR—FOURTH CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS.....	6	Solid geometry..... Plane and spherical trigonometry and logarithms.	Hawkes—Luby—Touton. Bullard and Kiernan's Plane and Spherical Trigonometry, Revised. American Practical Navigator,* Bowditch.
ENGLISH AND HISTORY.....	3	Composition and literature.	Alden and Earle's Makers of Naval Tradition. Alden's Writing and Speaking. Westcott, Lewis, and Weber's Four Centuries of Literature. Webster's Collegiate Dictionary.* Hill's and Ford's First Spanish Course.
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	3	Spanish.....	Dictionary of the English and Spanish Languages.* Elementary German Grammar: Wesselhoeff.
	3	German.....	The New Fraser and Squair French Grammar.
	3	French.....	Cestre Guibillon French Dictionary.*
	3	Italian.....	Elementary Italian Grammar: Russo.
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry.....	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's Problems in Chemistry.
HYGIENE.....		Effects of alcohol and narcotics. Naval and military hygiene. First aid to the injured. (First period Saturday mornings, except one a month.)	Heiner's Physiology, First Aid, and Naval Hygiene.

SECOND TERM

ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering, Descriptive Geometry and Drawing.
MATHEMATICS.....	6	College algebra..... Introduction to engineering mathematics. Elementary calculus.....	Palmer and Miser's College Algebra. R. K. Morley's Introduction to Engineering Mathematics. Woods and Bailey's Elementary Calculus. Mechanical Engineers' Handbook, by Marks.* American Practical Navigator,* Bowditch. Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.*
ENGLISH AND HISTORY.....	3	Composition and literature.	Alden's Writing and Speaking. Westcott, Lewis, and Weber's Four Centuries of Literature. Shakespeare's Henry IV: Part I, Othello, and King Lear. Pattee's Century Readings in the American Short Story.
MODERN LANGUAGES..... (One-half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	3	Spanish.....	Hills and Ford's First Spanish Course. Un Verano en España (Weems).
	3	German.....	Elementary German Grammar, Wesselhoeff.
	3	French.....	The New Fraser and Squair French Grammar.
	3	Italian.....	Le Tour du Monde (Green). Elementary Italian Grammar, Russe
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry.....	McPherson and Henderson's Elementary Study of Chemistry. McPherson and Henderson's Exercises in Chemistry. Pamphlet: Dashiell's Problems in Chemistry.

COURSE OF INSTRUCTION

SECOND YEAR—THIRD CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	3	Engineering drawing.....	Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS.....		Navy Department drawings.	
	5	Calculus.....	Woods and Bailey's Elementary Calculus.
		Analytic geometry.....	
ELECTRICAL ENGINEERING AND PHYSICS. ¹	4	Physics.....	Mechanical Engineer's Handbook, by Marks.* Keuffel and Esser's Polyphase Slide Rule, with Instruction Pamphlet.* Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
ENGLISH AND HISTORY.....	3	Naval history.....	Stevens and Westcott's History of Sea Power. Clark, Stevens, Alden, and Kraft's Short History of the United States Navy (revised by Alden). Essentials of Spanish (Torres). Temas Espanoles (Crawford). Elementary German Grammar (Wesselhoeft). Fournon and Broussard's Pour Parler Français. The New Fraser and Squair French Grammar. Elementary Italian Grammar: (Russo).
MODERN LANGUAGES..... (One-half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German and one section from each of the second and fourth battalions studies Italian.)	2	Spanish.....	
	2	German.....	
	2	French.....	
	2	Italian.....	

SECOND TERM

ENGINEERING AND AERONAUTICS.	3	Mechanisms..... Engineering materials and processes.	Baker and Farrell's Principles of the Basic Mechanisms. Ashe and Hale's Engineering Materials and Processes. Elementary Mechanics—Department of Mathematics, U. S. Naval Academy. Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Polyphase Slide Rule, with Instruction Pamphlet.* Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
MATHEMATICS.....	5	Mechanics.....	
ELECTRICAL ENGINEERING AND PHYSICS.	3-4	Physics.....	Dawes' Electrical Engineering, Vol. I. Westcott, Lewis, and Weber's Four Centuries of Literature. Mead's Development of the United States since 1865. Atlantic Monthly (February to May). Gil Blas (Padre Isla). Essentials of Spanish (Torres). Elementary German Grammar; Wesselhoeft. The New Fraser and Squair French Grammar. French Composition and Conversation, Olmsted and Barton. Elementary Italian Grammar, Russo.
ENGLISH AND HISTORY.....	3	History of the United States since 1865.	
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	2	Spanish.....	
	2	German.....	
	2	French.....	
	2	Italian.....	
HYGIENE.....		Effect of alcohol and narcotics. Naval and military hygiene. First aid to the injured. (Ten Friday evening periods.)	Heiner's Physiology, First Aid and Naval Hygiene.

¹ Third class has 8 drill periods in December and January, and a like number in February and March devoted to recitations.

THIRD YEAR—SECOND CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	4	Boilers.....	Department of Engineering and Aeronautics Marine and Naval Boilers, 1929. Bureau of Engineering Manual.
		Reciprocating engines....	Department of Engineering and Aeronautics Naval Reciprocating Engines, 1929.
		Auxiliary machinery.....	Department of Engineering and Aeronautics Naval Auxiliary Machinery, 1929.
MATHEMATICS.....	5	Spherical trigonometry....	Bullard and Kiernan's Plane and Spherical Trigonometry.
		Differential equations....	Phillips. Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Polyphase Slide Rule, with Instruction Pamphlet.* Dawes' Electrical Engineering, Vol. I. Department's Direct Current Laboratory Manual.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Magnetism and electricity (D. C.).	
NAVIGATION.....	3	Navigation.....	Elements of Astronomy (Fath). Navigation (Dutton). American Practical Navigator. Nautical Almanac. Azimuth Tables.*
MODERN LANGUAGES..... (One half of class studies Spanish and the other half French.)	1	Spanish.....	Cuentos Hispano-Americanos (La Guardia).
	1	French.....	Le Voyage de M. Perrichon (Labiche and Martin).

SECOND TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship.....	Knight's Seamanship. Naval Terms and Definitions.* Boat Book, 1927. Signal Books, U. S. Navy.* Communication Instructions, U. S. Navy; and department pamphlet. Bureau of Navigation Study Course, Seaman Signalman 3c. U. S. Navy Regulations.
		Signals and communication procedure.	
		Regulations.....	Naval Aviation, 1929.
		Naval aviation.....	Vol. I, U. S. Navy Aviation Ground School Manual.
		Aviation history.....	Naval Ordnance, 1925. Notes on Torpedoes, Mines, Fire Control, and Battle Efficiency, Part 2.
ORDNANCE AND GUNNERY.....	3	Ordnance, gun construction, torpedoes, and mines. Aviation gunnery. Safety orders.	
		Fire control.....	Departmental Memoranda. Notes on Fire Control, Part I. U. S. Navy Regulations, 1920.
NAVIGATION.....	3	Navigation.....	Navigation (Dutton). American Practical Navigator. Nautical Almanac. Azimuth Tables.*
ENGINEERING AND AERONAUTICS.	3	Naval construction.....	Manning and Schumacher's Naval Architecture and Warship Construction.
		Aircraft construction....	Aircraft Construction, 1928, Department of Engineering and Aeronautics.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Electricity (D. C. and A. C.).	Dawes' Electrical Engineering, Vol. I and Vol. II.
		Dynamo-electric machines, primary and secondary batteries, searchlights, telephones, etc.	Department's Direct Current Laboratory Manual.
MODERN LANGUAGES..... (One half of the class studies Spanish and the other half French.)	1	Spanish.....	Spanish Nautical Phrase Book and Reader.
	1	French.....	French Nautical Phrase Book and Reader.
HYGIENE.....		Effects of alcohol and narcotics. Naval and military hygiene. First aid to the injured. (10 Friday evening periods.)	Heiner's Physiology, First Aid and Naval Hygiene.

FOURTH YEAR—FIRST CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship..... Signals..... Military law..... International law..... Communications (including aircraft communications and procedure). Fire control..... Interior ballistics..... Exterior ballistics..... Naval ordnance.....	Knight's Seamanship. Boat Book, 1927. Naval Terms and Definitions.* Signal Books, U. S. Navy. Naval Courts and Boards. International Law, Soule and McCauley. Communication Instructions, U. S. Navy. Bureau of Navigation Study Courses, Radioman 3c. Naval Ordnance, 1925. Exterior Ballistics, 1930. Range and Ballistic Tables, 1930. Notes on Fire Control, Part I. Departmental Memoranda. Navigation (Dutton). Notes on Hydrographic Surveying (Refo). American Practical Navigator. Nautical Almanac. Azimuth Tables.* Ennis' Thermodynamics, Abridged. Cox and Libbey's Naval Turbines. Daves' Electrical Engineering, Vol. II, and department's pamphlet, Application of Electricity to Marine Propulsion. Department's Alternating Current Laboratory Manual.
ORDNANCE AND GUNNERY.....	3	Navigation.....	
NAVIGATION.....	2	Thermodynamics..... Turbines..... Alternating currents and alternating current machinery.	
ENGINEERING AND AERONAUTICS. ELECTRICAL ENGINEERING AND PHYSICS.	3 3	After-dinner speaking (Tuesday and Thursday evenings). Spanish..... French..... Effects of alcohol and narcotics. Naval and military hygiene. First aid to the injured, (10 Friday evening periods).	Un Viaje a Sud América (McHale). Le Français Oral (Pargment). Heiner's Physiology, First Aid, and Naval Hygiene.
ENGLISH AND HISTORY.....	2		
MODERN LANGUAGES..... (One half of the class studies Spanish, the other half French.)	2		
HYGIENE.....	2		

SECOND TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Elementary strategy and tactics. Aviation History..... Aerology..... Regulations..... Mooring board.....	War College and department pamphlets. Vol. II, U. S. Navy Aviation Ground School Manual. Vol. I, U. S. Navy Aviation Ground School Manual. Do. U. S. Navy Regulations. Pamphlet: Where You Are to Where You Want To Go.
ORDNANCE AND GUNNERY.....	3	Exterior ballistics..... Fire control..... Gunnery instructions..... Practical gunnery.....	Exterior Ballistics, 1930. Range and Ballistic Tables, 1930. Gunnery Instructions, U. S. N. Notes on Fire Control, Part I. Bureau of Ordnance pamphlets. Official publications. Departmental Memoranda. Navigation textbooks same as for first term, and H. O. 208 additional. Cox and Libbey's Naval Turbines. Internal-Combustion Engines (Lind).
NAVIGATION.....	2	Navigation.....	
ENGINEERING AND AERONAUTICS.	3	Turbines..... Internal-combustion engines, and aviation engines.	
ELECTRICAL ENGINEERING AND PHYSICS.	3	Radio.....	Department's Radio Manual. Department's Radio Laboratory Manual.
ENGLISH AND HISTORY.....	2	Modern European history (with lectures). After-dinner speaking (Tuesday and Thursday evenings).	Turner's Europe since 1789.

Assignment of time 1930-31

Departments	First Class		Second Class		Third Class		Fourth Class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Seamanship and flight tactics.....	3	3	(1)	3					¹ 9-(10)
Ordnance and gunnery.....	3	3		3					9
Navigation.....	2	2	3	3					10
Engineering and aeronautics.....	3	3	4	3	3	3	2	2	23
Mathematics.....			5		5	5	⁴ 5	6	⁴ 26
Electrical engineering and physics.....	3	3	3	3	² 3	³ 3	2	2	^{2,3} 22-(23)
English.....		2-x			3	3	3	3	14
Languages.....	2		1	1	2	2	3	3	14
Hygiene.....	(⁵)			(⁵)		(⁵)	⁴ 1		⁵ 3+1

¹December and January, 1 period.²December and January, 4 periods.³February and March, 4 periods.⁴Hygiene except once each month for mathematic examination.⁵Friday night lecture.

Coefficients 1930-31

Departments	First Class		Second Class		Third Class		Fourth Class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Aptitude for the service.....	17		12		7		3		39
Seamanship and flight tactics.....	8	8		6					22
Ordnance and gunnery.....	8	8		6					22
Navigation.....	5	5	6	6					22
Engineering and aeronautics.....	7	7	7	6	4	4	1	2	38
Mathematics.....			10		7	6	3	4	30
Electrical engineering and physics.....	8	8	6	6	3	4	1	2	38
English.....		5			4	4	(7.8) 2	2	3.8 17
Languages.....	4		1	2	3	3	3. 2	2	17
Hygiene.....	2			1		1	1		5
Total.....	100		75		50		25		250

Program of recitations, 1930-31—first term

Day	Class	Bat- talion	Periods				
			First 0750 to 0954	Second 1004 to 1208	Third 1310 to 1514	Fourth 1527 to 1630	Fifth 1945 to 2130
Monday	1	1, 3	Ordnance	S. and F. T.	E. E. and P.	Drill	Study.
		4, 2	E. E. and P.	Languages	S. and F. T.		
	2	1, 3	Mathematics	E. E. and P. ¹	E. and A. ¹		
		4, 2	E. E. and P.	Mathematics	do. ¹		
	3	1, 3	English	E. E. and P.	Mathematics		
		4, 2	Languages	English	do.		
Tuesday	4	1, 3	Mathematics	E. and A. ²	Languages ²	do.	Do.
		4, 2	E. and A. ²	Mathematics	English ²		
	1	1, 3	do.	Languages	Navigation		
		4, 2	do.	Ordnance	E. E. and P.		
	2	1, 3	Mathematics	E. E. and P.	E. and A.		
		4, 2	Navigation	Mathematics	do.		
Wednesday	3	1, 3	English	E. and A.	Mathematics	Recreation	Do.
		4, 2	E. E. and P.	do.	do.		
	4	1, 3	Mathematics	English	Languages		
		4, 2	Languages	Mathematics	E. E. and P.		
	1	1, 3	Ordnance	E. E. and P.	E. and A.		
		4, 2	Navigation	S. and F. T.	do.		
Thursday	2	1, 3	Mathematics	Navigation	Languages	Drill	Do.
		4, 2	E. E. and P.	Mathematics	do.		
	3	1, 3	Languages	E. and A.	Mathematics		
		4, 2	E. E. and P.	do.	do.		
	4	1, 3	Mathematics	E. E. and P.	English		
		4, 2	English	Mathematics	Languages		
Friday	1	1, 3	Navigation	Ordnance	E. and A.	do.	Hygiene. ⁴ Do. ⁴
		4, 2	do.	S. and F. T.	do.		
	2	1, 3	Mathematics	E. E. and P.	Navigation		
		4, 2	E. E. and P.	Mathematics	do.		
	3	1, 3	English	E. E. and P.	Mathematics		
		4, 2	E. E. and P.	English	do.		
Saturday	4	1, 3	Mathematics	E. and A.	English	Drill	Study.
		4, 2	E. and A.	Mathematics	Languages		
	1	1, 3	S. and F. T.				
		4, 2	Ordnance				
	2	1, 3	E. and A.	S. and F. T. ⁵			
		4, 2	do.	do. ⁵			
Saturday	3	1, 3	Languages	E. E. and P. ⁵	Recreation	Recreation	Motion pictures, etc.
		4, 2	do.	do. ⁵			
	4	1, 3	Hygiene ⁶				
		4, 2	do. ⁶				

¹ When second class has electrical engineering and physics examination in third period on Monday, first and third battalions recite engineering and aeronautics during second period; and, fourth and second battalions recite engineering and aeronautics during first period.

² When fourth class has engineering and aeronautics examination in third period on Monday, first and third battalions recite languages during second period and fourth and second battalions recite English during first period.

³ When second class has mathematics examination in third period on Thursday, first and third battalions recite engineering and aeronautics during first period and second and fourth battalions recite engineering and aeronautics during second period.

⁴ Or as modified by schedule of Friday night lectures.

⁵ December and January.

⁶ Period assigned to hygiene except once each month assigned to mathematics for examination as modified by Table 12.

NOTE.—During the odd numbered academic months, the first and fourth battalions recite the first hour of a period. During the even numbered academic months the second and third battalions recite the first hour of a period. For the academic year of 1930-31 each odd numbered battalion of the regiment studies Spanish and each even numbered battalion studies French, except that in the third and fourth classes one Italian section will be organized from each of the second and fourth battalions, and one German section from each of the first and third battalions. Assignment to each language on entrance becomes permanent for the course, except for those midshipmen of the third class of the academic year 1930-31 who elect to study German or Italian and who will be transferred to that language.

Program of recitations, 1930-31—Second term

Day	Class	Battalion	Periods				
			First 0750 to 0954	Second 1004 to 1203	Third 1310 to 1514	Fourth 1527 to 1630	Fifth 1945 to 2130
Monday	1	1, 3	S. and F. T.	E. E. and P.	Navigation	Drill	Study.
		4, 2	Ordinance	Navigation	E. E. and P.		
	2	1, 3	E. E. and A.	E. E. and P.	Ordinance		
		4, 2	do.	Ordinance	S. and F. T.		
Tuesday	3	1, 3	Mathematics	English	E. E. and P.	do.	Do.
		4, 2	Languages	Mathematics	English		
	4	1, 3	English	do.	Languages		
		4, 2	Mathematics	E. and A.	English		
Wednesday	1	1, 3	Ordinance	E. E. and P.	Navigation	Recreation	Do.
		4, 2	E. E. and P.	S. and F. T.	do.		
	2	1, 3	Navigation	E. and A.	S. and F. T.		
		4, 2	E. E. and P.	do.	Ordinance		
Thursday	3	1, 3	Languages	English	Mathematics	Drill	Do.
		4, 2	E. and A.	E. E. and P.	do.		
	4	1, 3	English	Mathematics	E. E. and P.		
		4, 2	Mathematics	Languages	E. and A.		
Friday	1	1, 3	E. and A.	Ordinance	English	Drill	Do.
		4, 2	do.	E. E. and P.	do.		
	2	1, 3	E. E. and P.	Navigation	Languages		
		4, 2	Ordinance	S. and F. T.	do.		
Saturday	3	1, 3	S. and F. T.	E. and A.	Ordinance	Recreation	Recreation, liberty motion pictures, etc.
		4, 2	do.	S. and F. T.	Navigation		
	4	1, 3	E. E. and P.	S. and F. T.	do.		
		4, 2	Mathematics	English	E. and A.		

* Or as modified by schedule of Friday night lectures.

¹ When 4th class has engineering and aeronautics examination in 3d period, Thursdays, 2d and 4th Battalions recite languages 1st period.

² February and March. 10.04 a. m. to 12.08 p. m.

³ During the odd numbered academic months, the 1st and 4th Battalions recite the first hour of a period. During the even numbered academic months, the 2d and 3d Battalions recite the first hour of a period.

⁴ For the academic year 1930-1931 each odd-numbered battalion of the regiment studies Spanish and each even numbered battalion studies French. Assignment to each language on entrance becomes permanent for the entire course.

Schedule of Friday night, fifth period, lectures, 1930-31

Date	First class subject	Second and third classes subject	Date	First class subject	Second and third classes subject
Oct. 3	Executive.....	Hygiene.	Feb. 13	Executive.....	Hygiene.
10	Hygiene.....		20	English.....	
24	do.....		27	do.....	Do.
31	Executive.....		Mar. 6	do.....	Do.
Nov. 7	Hygiene.....		13	do.....	Hygiene examina- tion.
21	do.....		20	do.....	
28	Hygiene examina- tion.		27	do.....	Hygiene.
Dec. 5	Hygiene.....		Apr. 3	Executive.....	Do.
19	do.....		10	English.....	Do.
Jan. 2	do.....		24	do.....	Do.
9	do.....		May 1	do.....	Hygiene examina- tion.
16	Hygiene examina- tion.		8	Executive.....	
30	Executive.....		22	English.....	
Feb. 6	English.....				

Schedule of Saturday morning, first period recitation for fourth class, first term, 1930-31

Oct. 4	Hygiene.	Nov. 15	Mathematics examina- tion.	Jan. 3	Hygiene.
11	Do.	22	Hygiene examination.	10	Do.
18	Mathematics examina- tion.	29	Hygiene.	17	Hygiene examination.
Nov. 1	Hygiene.	Dec. 13	Mathematics examina- tion.	24	Mathematics examina- tion.
8	Do.			31	Hygiene

ARRANGEMENT OF COURSES

1930-1931

All courses are completed each term. Midshipmen are required to have a 2.5 or over in each department for each term.

RÉSUMÉ OF COURSE OF INSTRUCTION

EXECUTIVE

The executive department, under the direction of the commandant of midshipmen, has for its mission—

Development of the highest standards of uprightness, truth, honor, loyalty, and patriotism.

Development of officerlike character, including the qualities of initiative, force, leadership, attention to duty, military bearing, cleanliness of mind and person, neatness of dress, and aptitude for the service.

Enforcement of the regulations for interior discipline.

General direction of all drills, including infantry tactics, extended order, and physical drill under arms.

Supervision of all midshipmen entertainments and extracurricular activities.

Service to the regiment of midshipmen by the midshipmen's commissary, midshipmen's store, tailor shop, laundry, barber shop, and cobbler.

Administration of Bancroft Hall, where the regiment of midshipmen is quartered and messes.

Supervision of the Naval Academy Band, police, fire-fighting organization, farm and dairy, and commissary store.

Summary of practical instruction periods, 1930-31

[Numbers preceding dash indicate number of week days; numbers following dash indicate number of Saturdays]

Department	First battalion				Second battalion			
	First class	Second class	Third class	Fourth class	First class	Second class	Third class	Fourth class
Executive.....	44½- 8	46- 7	42- 7	41- 7	41½-10	43- 9	39- 9	38- 9
Ordnance and gunnery.....	24- 7	19- 4	17- 4	8- 2	25- 5	21- 3	19- 3	8- 2
Seamanship and flight tactics.....	22½- 5	18-11	23- 4	31- 8	23½- 5	19-10	25- 3	32- 6
Engineering and aeronautics.....	10- 4	24- 4	35- 0	16- 3	14- 3	24- 4	34- 0	16- 4
Electrical engineering and physics.....	17- 4	6- 1	0-14	0- 0	13- 5	6- 1	0-14	0- 0
Navigation.....	3- 1	2- 1	0- 0	0- 0	4- 1	2- 1	0- 0	0- 0
Gymnasium.....	9- 0	15- 1	13- 0	27- 7	9- 0	15- 1	13- 0	28- 6
Dancing.....	0- 0	0- 0	0- 0	7- 2	0- 0	0- 0	0- 0	8- 2
Total.....	130-29	130-39	130-29	130-29	130-29	130-29	130-29	130-29

Department	Third battalion				Fourth battalion			
	First class	Second class	Third class	Fourth class	First class	Second class	Third class	Fourth class
Executive.....	45½- 8	46- 7	42- 7	41- 7	42½-10	43- 9	39- 9	38- 9
Ordnance and gunnery.....	20- 7	18- 4	18- 4	7- 2	26- 5	23- 3	19- 3	8- 1
Seamanship and flight tactics.....	21½- 5	15-11	20- 4	26- 8	20½- 5	19-10	27- 3	32- 6
Engineering and aeronautics.....	13- 4	24- 4	37- 0	16- 3	13- 3	21- 4	32- 0	12- 4
Electrical engineering and physics.....	17- 4	6- 1	0-14	0- 0	15- 5	6- 1	0-14	0- 0
Navigation.....	4- 1	3- 1	0- 0	0- 0	4- 1	2- 1	0- 0	0- 0
Gymnasium.....	9- 0	18- 1	13- 0	32- 7	9- 0	16- 1	13- 0	32- 7
Dancing.....	0- 0	0- 0	0- 0	8- 2	0- 0	0- 0	0- 0	8- 2
Total.....	130-29	130-29	130-29	130-29	130-29	130-29	130-29	130-29

NOTE.—In accord with action of the academic board the second class will have recitations in seamanship during the second period on Saturdays during the academic months of December and January and the third class will have recitations in electrical engineering and physics during the second period on Saturdays during the academic months of December, January, February, and March.

SEAMANSHIP AND FLIGHT TACTICS

The department of seamanship and flight tactics has for its mission the instruction of midshipmen to the end that upon graduation they may be capable of efficiently performing the duties of a junior officer afloat, as junior officer of the watch, junior deck division officer, junior forecastle officer, boat officer, assistant communication officer, and recorder of a summary court-martial. Midshipmen receive instruction giving them an elementary knowledge of flight tactics, aviation history, and aerology.

Seamanship drills commence with the day of the fourth classman's entrance into the academy, continue throughout the entire course, and are supplemented by practical instruction on the practice cruises. Commencing with learning how to pull a service cutter, the drills progress through handling service-type and civilian-type boats under oars, sail, and power; signals—semaphore, Morse visual code, and flag hoist; ground tackle work; knotting and splicing; compass, log, and lead; tactics and evolutions; communications.

In general, members of the fourth class take the ordinary crew duties, and have qualifications similar to seamen; third class, as important crew members, with qualifications as petty officer; second class, as second in command, with qualifications as chief petty officer; and first class, in command, with qualifications as junior officer.

Recitations are held in seamanship second term of third year, and throughout both terms of the fourth year. The instruction covers signals, seamanship in general, nautical phraseology, communications, regulations, military law, elementary strategy and tactics, international law, leadership, mooring and maneuvering board, and aviation subjects connected with flight tactics, such as "Aviation History," "Aerology," "Aircraft Communications," and "Aviation Scouting."

For first class, additional instruction in tactics and in seamanship evolutions is carried on in submarine chasers, all of the duties of the deck force being taken over by the midshipmen, under the supervision of experienced officer instructors.

The first class is given flight during the spring and fall practical instruction periods.

The second class is retained at the Naval Academy during the summer and given an aviation training course.

ORDNANCE AND GUNNERY

The course includes all the theoretical and practical instruction required for the performance of gunnery duties aboard ship as a junior officer and in addition gives a thorough basic foundation for future study and development work in ordnance and gunnery. It is divided into two parts—section room and practical instruction. The section-room instruction covers subjects which must be studied and can best be learned as a midshipman; the practical instruction and drill includes work with all types of naval ordnance from small arms to turret guns and methods for control of all weapons. Drills which can be best given aboard ship and preparations for target practice are held during the practice cruise and not at the Naval Academy.

The practical work begins the summer of the fourth class year and includes firing on the rifle range with rifle and pistol up to the experts' course and explanation of all ordnance equipment and models in Dahlgren Hall. During the fourth, third, and second class years this practical instruction is continued with small arms, machine guns, broadside battery, torpedoes, models, and training in the duties of all personnel connected with ordnance. Second class also has instruction in mines and fire control. First class year is devoted to fire control and methods of using broadside and turret guns, torpedoes, aviation

ordnance, aviation bombing, and grenades. On the first class practice cruise midshipmen, first class, perform the duties of officers in gunnery exercises with the fleet.

Instruction in the section room begins the second term, second class year, with a study of naval ordnance, gun construction, aviation gunnery, and torpedoes. In first class year a study is made of gun construction, powder pressures, velocities and trajectories of projectiles, ranges and errors of naval guns, fire control of all types of guns, gunnery methods, including aviation gunnery, and the duties of a junior officer in the gunnery department aboard ship.

Textbooks and service publications are used which have been specially written by experienced officers of the United States Navy for instructional purposes of midshipmen and junior officers. Besides the study of these, a series of lectures on practical ordnance and gunnery is given by officers from the Navy Department or the fleet.

Throughout the course great stress is laid not only upon the duties of a junior officer in gunnery, but the relation of each subject to the development of ordnance and gunnery in the United States Navy, the present gunnery methods of the fleet, and the possible future requirements which must be met by naval officers who are graduates of the Naval Academy.

NAVIGATION

Character of work	DIVISION OF TIME	Time (per cent)
Recitations.....		31
Practical problems (written recitations).....		40
Examinations.....		14
Practical instruction (charts and instruments).....		11
Drills.....		4
		<hr/> 100

SECOND CLASS YEAR—FIRST TERM

Object.—Basic instruction in the elements of astronomy and in geonavigation.

The work of this term is started with a study of astronomy so that the midshipman may have a good basic knowledge of the elements with which he is dealing. This also clarifies his ideas in the study of spherical trigonometry which course is given at this point in the department of mathematics. Geonavigation is taken up following astronomy, and the midshipman is taught the operation and use of the magnetic compass and the use of charts for finding his position near land. He is also taught the methods of working up his courses and positions at sea by the method of dead reckoning. The study of time completes the term's work.

Practical instruction at the astronomical model, in piloting, and in the use of charts and instruments, including the compensation of the magnetic compass, is coordinated with the work noted above.

SECOND CLASS YEAR—SECOND TERM

Object.—To consolidate the work of the first term so as to give the midshipman a logical and comprehensive idea of the navigator's daily work in conducting the ship from place to place and checking her position.

The result desired is to so prepare the midshipman that he will be able to get the most practical value out of his first class cruise, where he will have an opportunity to take observations and actually locate the ship on the chart.

The practical instruction in chart and compass work is continued with the idea of making the midshipman thoroughly familiar with the proper methods of piloting.

The drills are designed to give a thorough working knowledge of the care, operation, and handling of the sextant.

FIRST CLASS CRUISE

Object.—The practical application on board ship of the instruction given during second class year.

The midshipman is required to take sights, work them out, and locate the ship, both by means of these sights and by dead reckoning. Piloting is taught under circumstances which enable the midshipman to see clearly how the ship is handled. The actual compensation of a ship's compass is carried out when possible and the midshipman required to assist so that the practical difficulties encountered may be clearly seen and appreciated. The value of the gyro-compass is demonstrated and instruction given in its use.

FIRST CLASS YEAR—FIRST AND SECOND TERMS

Object.—The mission of this department, carrying out the broader mission of the Naval Academy, is to teach navigation in such a manner as to insure the mastery of fundamental principles and to provide that at graduation midshipmen are prepared to perform navigational duties on board ship in accordance with standard service practice.

A fictitious circumnavigating world cruise is conducted to give the midshipmen all possible variations of the problem of position. In addition, the following subjects are taught in the section room, at drills, and by practical instruction in the chart room:

- (a) The duties of the navigator in accordance with Navy regulations.
- (b) Aerial navigation.
- (c) The value and use of radio bearings.
- (d) The use and relative value of various methods for the solution of the astronomical triangle.
- (e) Hydrographic surveying.

ENGINEERING AND AERONAUTICS

FOURTH CLASS YEAR—SUMMER AND FIRST TERMS

Descriptive geometry and mechanical drawing.—Instruction in use of drawing instruments and development of manual dexterity in employment. Standard methods of lettering and practice in their use. Application of the foregoing to descriptive geometry, with the representation of lines, planes, curved surfaces, and intersections, in order to develop the ability to visualize objects in space.

FOURTH CLASS YEAR—SECOND TERM; THIRD CLASS YEAR—FIRST TERM

Engineering drawing.—Making of free-hand working sketches of small machine parts, with full dimensional data taken from work, and the making of standard working drawings from such sketches. Understanding of standardized parts and use of tables of standards in design. The making of detail from assembled drawings and vice versa, particular emphasis being laid upon the ability to read blue prints correctly and to appreciate good points in the design of a machine.

THIRD CLASS YEAR—SECOND TERM

Mechanisms.—A study of the underlying principles governing the relative motions of parts of machinery, including revolving and oscillating bodies; belt, rope, and chains; motion by pure rolling contact; gears and gear teeth; wheels in train; inclined plane, wedge, screw, worm and wheel; cams; relative velocities

of rigidly connected points; linkwork; straight-line mechanisms; parallel motions; aggregate combinations; pulley blocks; intermittent motion.

Engineering materials and processes.—A study of engineering and construction materials; their properties and uses, and the essential steps in producing them from ore to the finished product. Methods of shaping metals for use and a study of the essential features of metallography, particularly with reference to steel.

SECOND CLASS YEAR—FIRST TERM

Boilers.—A study of different fundamental types of marine boilers, including principles of water and gas circulation; combustion and fuels; boiler accessories fittings, and measuring instruments; general principles connected with operation and maintenance.

SECOND CLASS YEAR—FIRST AND SECOND TERMS

Naval reciprocating engines and auxiliary machinery.—General principles and thermodynamics as applied to this type of machinery; study of mechanical parts and materials used; measurement of power; fundamentals of construction and operation of condensers, pumps, valves, heaters, tanks, lubrication systems, and complete installations.

SECOND CLASS YEAR—SECOND TERM

Naval construction.—General study of ship's lines and definitions pertaining thereto; various steps in planning a ship; calculations of areas and volumes; general principles of stability, both static and dynamic; displacement and trim, with curves in relation thereto; effects of weight distribution and of weight shifting; resistance of ships; coefficients of speed, law of corresponding speeds; ship nomenclature; details of construction of naval vessels; launching and docking; general arrangement of ship compartments and methods of flooding, draining, and ventilating; details of steering gear; care and preservation of hulls.

Aircraft construction.—General study of heavier-than-air aircraft; nomenclature and definitions; aerodynamics in relation to stability and control; aerofoils, powering, external loading, and design; details of construction, erection, care, and preservation; naval service types.

FIRST CLASS YEAR—FIRST TERM

Thermodynamics.—The utilization of heat as energy to perform mechanical work in various types of machinery, such as turbines, internal-combustion engines, refrigerating machinery, etc., including a study of the use of steam tables and diagrams.

FIRST CLASS YEAR—FIRST AND SECOND TERMS

Steam turbines.—Underlying principles of turbines, their classification into types, and the characteristics of each type; necessary turbine auxiliaries; study of various types of turbines used in the Navy; general principles of operation and care of marine turbine installations.

FIRST CLASS YEAR—SECOND TERM

Internal-combustion engines.—Underlying principles of internal-combustion engines. Study of Otto and Diesel cycles, and their application to existing types of engines. Fuels and lubricants. Study of marine types of gasoline and oil engines, and of aircraft engines, including mechanical parts, carburetion, lubrication, cooling, and ignition systems. General principles of operation.

PRACTICAL WORK

FOURTH CLASS YEAR—SUMMER

Pattern shop.—Elementary work of the carpenter shop, mortising, joining, woodworking lathes, etc.

Machine shop.—Chipping and filing of conventional pieces of iron and brass, and instruction to use of power tools.

Sketching.—Sketching and dimensioning of simple geometrical shapes.

Coppersmith shop, forge shop, foundry.—Elementary instruction in work done in these shops.

Miscellaneous.—Examination of models and talks on boilers, reciprocating engines, turbines, internal-combustion engines, fireroom and engine-room auxiliaries, evaporators, etc.; ship construction, docking, steering engines, anchor engines, etc.

FOURTH CLASS YEAR—WINTER DRILLS

Pattern shop.—Selection and treatment of different kinds of woods for various purposes; continuation of summer work of the carpenter shop to finished pattern work.

Machine shop.—Vise bench work, principally fitting of bearings.

Miscellaneous.—Continuation of summer exercises, in greater detail.

THIRD CLASS YEAR—PRACTICE CRUISE

Tour of inspection of engine and boiler compartments and auxiliary stations; study and sketching (where applicable), of the general arrangement of machinery, accessories and fittings, corrosion, cleaning and painting, care of compartments, blue-print reading, shops, tools, materials, and repair work. Stand watches of firemen.

THIRD CLASS YEAR—WINTER DRILLS

Foundry.—Kinds of sand and implements used; making of molds; melting and pouring of iron and brass.

Forge shop.—Equipment and tools used; forging, welding, tempering, case-hardening, etc.; bending and quenching tests of metals, etc.

Boiler shop.—Riveting, soft and hard patching, calking, cutting out tubes, expanding tubes, brickwork, etc.

Coppersmith shop.—Soldering, hard and soft; making copper pipe; putting flanges on pipe; use of oil furnace and oil heater; sweating patch on a copper pipe.

Machine shop.—Machine-tool work from working drawings, including the setting of work. Machine tools used are lathes, planers, vertical and horizontal boring mills, simple and radial presses, shapers, milling machines, slotters, etc.

Fuel-oil-burning boiler.—Lighting fires and raising steam from a cold boiler; handling boiler under forced draft; control of fires for smokeless or smoke conditions; study of various types of burners; safety precautions to be observed in the handling and burning of fuel oil.

Miscellaneous.—Use of various measuring instruments; gage calibration; acetylene cutting and welding; electric welding; thermit welding; strength of metals; sketching of engineering parts.

SECOND CLASS YEAR—SUMMER COURSE AT NAVAL ACADEMY

Operation, maintenance, and tests of coal and oil fired boilers; reciprocating and turbine engines; evaporating plants, reciprocating and rotary pumps, refrigerating plants, and condensing plants.

Disassembly, overhaul, assembly and adjustment of reciprocating engines, pumps, gauges, and valves. Machine-shop practice and tests.

Fundamentals of ground school aviation, aviation engine overhaul, operation of aviation engines in laboratory and in test stands, structure and rigging of aircraft.

Lectures and motion-picture instruction engineering and aviation subjects, fundamentals, design, and prospective developments.

SECOND CLASS YEAR—WINTER DRILLS

Steering and anchor engines; propeller measurements; coal and fuel oil testing, flue-gas analysis and water testing. Inspection of various ships' models showing details of warship construction; also docking, including experiments, stability and buoyancy, damage control, gas warfare defense. Aircraft construction and wind-tunnel tests. Illustrated lectures on engineering, naval architecture, and aviation.

FIRST CLASS YEAR—PRACTICE CRUISE

Administration of the engineer department; study and operation of main engines and auxiliaries, power boat and aircraft engines; emergencies; repairs; stand watches of junior officer, machinist, and chief petty officer.

FIRST CLASS YEAR—WINTER DRILLS

Operation of steam turbines and internal-combustion engines; determination, by dynamometer, of horsepower developed; torsion meter; detailed inspection of marine turbines, reduction gear, and condensing plant; detailed inspection of carburetors and magnetos and the adjustment of them; detailed inspection and operation of various types of marine and aircraft gas engines; visits to experiment station; log-room administration; pump calibration.

MATHEMATICS

FIRST YEAR—FIRST TERM

Solid geometry.—The geometry of lines and planes in space, polyhedrons; cylinders, cones, spheres; development and use of formulas for surfaces and volumes; demonstrations of propositions; solution of problems by construction and computation.

Logarithms.—Definitions and properties; practical use in computation; tables of logarithms of numbers, of logarithms of trigonometric functions, and tables of natural functions; haversine tables; special system of forms for computation.

Plane trigonometry.—Measurement of arcs and angles; trigonometric functions; development and use of fundamental trigonometric relations and identities; solution of trigonometric equations; solution of all cases of plane triangles, including development of formulas and methods for same; simple applications to measuring heights and distances.

Spherical trigonometry.—Solution of all cases of spherical triangles, including development of formulae; numerical solution of great circle courses and distances and of various cases of the astronomical triangle—time sight, meridian altitude, etc.

FIRST YEAR—SECOND TERM

Algebra.—Short review of important parts of elementary algebra; quadratics and advanced algebra, including inequalities, mathematical induction, binomial theorem, variation, progressions, complex numbers, theory of equations, partial fractions, permutations, combinations, probability, determinants.

Introduction to engineering mathematics.—A problem course based on previously acquired knowledge of algebra, geometry, and trigonometry. Stress is laid on precision in calculation, so that the indicated accuracy of the results will be consistent with the exactness of the data. Theory and use of the slide rule.

Calculus.—The fundamental concepts of calculus, with numerous practical applications.

SECOND YEAR—FIRST TERM

Calculus.—Constants, variables, and functions; derivatives of algebraic functions, applications of derivatives; differential notation; differentiation of transcendental functions; integrations; applications of integrals; successive differentiation and integration; curves and curve tracing; definite integrals; application of integration to geometry and mechanics; special methods of integration; functions of two or more variables; multiple integrals; infinite series.

Plane and solid analytic geometry.—Taken concurrently with calculus, using the same textbook.

SECOND YEAR—SECOND TERM

Mechanics.—Use of the slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body; brief treatment of hydromechanics.

THIRD YEAR—FIRST TERM

Spherical trigonometry.—Review of solution of spherical triangles, including development of formulæ. Numerical solution of great circle courses and distances and of various cases of the astronomical triangle—time sight, meridian altitude, etc.

Differential equations.—Thorough drill in the setting up and solution of geometrical and physical problems involving important types of ordinary differential equations.

ELECTRICAL ENGINEERING AND PHYSICS

The course of instruction given by this department includes chemistry, physics, direct-current electricity, alternating-current electricity, and radio. The time available for each of these subjects is comparatively short and the courses are, therefore, more or less elementary, special emphasis being placed on fundamental principles. The following is an outline of the subjects studied by each class:

FOURTH CLASS—FIRST AND SECOND TERMS

The year is devoted to the study of general inorganic chemistry with laboratory work. In addition, lectures are given on the application of chemistry to devices and appliances in the service, water testing, gas analysis, explosives, chemical warfare, service paints, and qualitative analysis.

Practical work in the chemical laboratory supplements the classroom instruction. Experiments are performed illustrating the preparation and properties of various gases and other substances and include elementary qualitative analysis.

THIRD CLASS—FIRST AND SECOND TERMS

The subject of physics is taken up during the whole of the third class year and includes the study of mechanics, heat, sound, light, magnetism, and elementary electricity, and the application of the various laws and phenomena in these branches of the subject with special stress on problems. The course forms the groundwork for more advanced studies in other subjects, and includes the flight

of projectiles, balloons, gyroscopes, elements of thermodynamics, submarine listening devices, theory of flight, and optical instruments.

Practical work in the physics laboratory comprises experiments illustrating various physical laws and phenomena studied in the classroom. A number of lectures are given during the year.

SECOND CLASS—FIRST AND SECOND TERMS

The whole of second class year is devoted to the study of magnetism, electrostatics, direct-current and alternating-current electricity. During the first term, the fundamentals of simple electric circuits are studied with applications of Ohm's and Kirchoff's laws, while the second term is devoted principally to the theory and operation of dynamo-electric machines and alternating currents.

The laboratory work covers the following: Magnetic fields, induced currents, measurement of resistance, divided circuits, fall of potential, use and calibration of different measuring instruments supplied to ships, setting up and operation of primary and secondary batteries, operation and measuring efficiencies of dynamos and motors, devices for motor control, manipulation of switchboard, operation of electrical machinery supplied to naval vessels, measuring insulation resistance of electric plants, etc. There are also experiments for studying the characteristics of inductance and capacity.

A series of lectures is given to elucidate difficult points, to illustrate in a general way the practice in the electrical department aboard naval vessels, and as a review of the text already covered.

FIRST CLASS—FIRST AND SECOND TERMS

The first class takes up the subject of alternating-current electricity, including radio, about half of the time available being devoted to the study of radio. The course in alternating-current electricity is considered to be of great importance due to the increasing application of alternating-current machinery on board ship, principally in connection with the electric drive. This course starts with the theory of alternating-current generators and simple alternating-current circuits, including problems on series, parallel, and series-parallel circuits, and advances into the study of synchronous motors, transformers, polyphase currents, and induction motors, with the application of the latter to the electric drive.

The radio course covers the underlying principles of radio communication. The time allotted to radio is devoted to the study of the fundamental principles governing the operation of spark, arc, and vacuum-tube equipment according to their relative importance.

The above radio course covers the following: Wave motion; resistance, inductance, capacity, and resonance, as applied to radio circuits; the simple oscillating circuit; use of the frequency meter; damped and continuous wave transmission; radiation of waves; receiving apparatus; uses of the vacuum tube as a detector, amplifier, modulator, and oscillator; regeneration; multiple stage amplification; radiotelephony; antennas; interference and selectivity; and naval radio apparatus.

Laboratory work and lectures form an important part of the course. The electrical laboratory work comprises an elementary study of inductance and capacity in alternating-current circuits, alternating-current generators, motors, and transformers. In the radio laboratories the instruction comprises experiments with simple oscillating circuits, use of frequency meters, use of vacuum tube as a detector, amplifier, generator, and modulator, and aviation radio practice.

ENGLISH AND HISTORY

Instruction in both English and history begins for midshipmen almost immediately on entrance. The new class are introduced to the Naval Academy library. They are taught its use and during the period of the summer they read extensively. Further, by lectures and other means their attention is called to the importance of naval tradition and to the significance of the great names of the service, which many of them meet for the first time. During the academic year courses are given in composition and literature, naval history, history of the United States, and modern European history.

In composition, emphasis is put upon (1) the paragraph as the constructive unit; (2) the letter, social and official; (3) the article, both technical and popular; and (4) after-dinner speaking, a form of oral composition which no officer can be inexperienced in without loss of dignity and usefulness. In literature, a survey is made of the entire field from the latter part of the sixteenth century to the present day, especial emphasis being given to Shakespeare, the modern essay, and the short story.

In naval history attention is directed to sea power and its relation to (1) development of ships and armament; (2) lives and characters of great leaders, (particular stress being placed on the growth of American naval tradition); and (3) effect on contemporary and subsequent history. A study is made of the great naval engagements from Salamis to Jutland. In the history of the United States the period covered is from 1865 to the present time. The textbook on this subject is supplemented by readings in American literature selected to bring out the development of American thought and culture and also to suggest recent achievements in the field of letters. In modern European history the course is based on a comprehensive textbook, supplemented by lectures by historians of national reputation and also by men of affairs who are authorities on the countries studied. The aim is not only to vitalize the study of history but to give the midshipman such a knowledge of international problems as will fit him to be an intelligent representative of America in every country he may visit.

At the beginning of each course in English or history the effort is made to secure the interest and cooperation of the midshipman by making clear to him just how and why the proposed course will be of practical benefit to him in his career as a naval officer.

MODERN LANGUAGES

1. The mission of the department of modern languages is to give to midshipmen a sufficient knowledge of French, Spanish, German, or Italian to enable them to converse in the foreign tongue, to express themselves clearly in written communications, and to read with sufficient ease French, Spanish, German, or Italian of average difficulty. Throughout the course emphasis is laid on the knowledge of fundamental elementary principles to the end that, however late in his career he may be called upon to utilize his knowledge, the officer will have a solid foundation on which to build.

2. On admission to the Naval Academy approximately one half of the midshipmen are assigned to study French while the other half are assigned to study Spanish, except one section from each of the first and third battalions which are assigned to study German, and one section from each of the second and fourth battalions which are assigned to study Italian. This assignment depends on the preference of the individual midshipman and is permanent for the entire course.

3. The textbooks in use are modern and practical. Since the number of midshipmen in a section does not exceed 12, special attention is given to the individual.

4. The course in modern languages covers three and one-half academic years and consists of approximately 200 recitations.

HYGIENE

Soon after entrance midshipmen of the fourth class are given a course in personal hygiene and the care of the human machine. This includes a series of lectures to the class as a whole and instructions of a more detailed character over a period of several months. The purpose of this course is to prepare the members of the entering class to make their fullest personal contribution to the continuance of their health, (individually and collectively), and thus to their best scholastic possibilities. In other words, it is to ground them in the art of keeping themselves in good health—to acquaint them with those precautions which every man can take in his own behalf to prevent disease or minimize its effects and thus maintain himself at all times in the best possible physical condition and mentally alert. The course comprises the following subjects:

- (a) Physical education; i. e., care of the human machine.
- (b) Personal hygiene, including social-hygiene education.
- (c) Physical training, the benefits of muscular activity, and the dangers of overtraining.
- (d) Preventable diseases and simple rules for maintaining health.
- (e) Oral prophylaxis and the care of the teeth.

A competent representative of the medical department is always present at all official contests and authorized sports. For graduation a midshipman is required to show, by standard strength and gymnasium tests, that he is 100 per cent physically efficient.

The first class during the first term is given a course in general hygiene, physiology, and first aid, using the adopted textbook by Capt. R. G. Heiner, Medical Corps, United States Navy. An outline of the course is as follows:

- I. Minute anatomy and cell physiology.
- II. Gross anatomy and physiology.
- III. Bacteriology.
- IV. Preventable diseases.
- V. Venereal diseases.
- VI. Naval hygiene.
- VII. Military hygiene.
- VIII. Physical training.
- IX. First aid, including that for the effects of gas warfare.
- X. Alcohol and other narcotics; their effects and dangers.

The course is illustrated by charts, manikin, skeleton, blackboard drawings, and moving-picture reels and includes a special lecture on the relation of the oral cavity to the general nutrition and health of the body.

Emphasis is placed on the methods of giving first aid, and practical demonstrations are given in order to prepare these future officers for the instruction of the men of their divisions, as required by Navy regulations.

Two examinations are held, mid-term and final, each embracing one-half of the textbook.

PHYSICAL TRAINING

In this department midshipmen are trained in the principles of health and recreation so as to fit them for a long period of healthful service. In addition they are given instruction in the various branches of physical drill and athletics in order to better qualify them to lead and coach fleet athletics.

FIRST YEAR—FOURTH CLASS

Initial examination.—Immediately upon entrance to the Naval Academy each midshipman is tested in strength, posture, and swimming. A photographic and graphic record is made at this time.

Requirements

Swimming.—Ability to swim five minutes using three strokes.

Strength.—Ability to equal the standard for strength in 32 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Practical use of muscles in various combinations such as jumping, running, etc.

Posture.—Knowledge of proper “brace” and ability to assume a correct posture.

Boxing.—Demonstration of the elements of self-defense.

Wrestling.—Knowledge and use of six wrestling holds and their counters.

Dancing.—Ability to demonstrate fundamentals of dancing.

In addition to the above subjects which are required, midshipmen of the fourth class are given instruction in football, baseball, crew, track and field, basketball, lacrosse, rifle, fencing, gymnastics, water polo, tennis, soccer, handball, and training.

SECOND YEAR—THIRD CLASS

Requirements

Swimming.—Ability to swim 120 yards in three and one-half minutes, using three strokes.

Strength.—Ability to equal the standard of strength in 36 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Graded improvement in use of muscles to equal the standards set in 14 practical gymnasium tests.

Posture.—Knowledge of proper “brace” and an habitual correct posture while standing or marching.

In addition to the above requirements midshipmen of the third class are given instruction in the fundamentals of the sports listed under fourth class.

THIRD YEAR—SECOND CLASS

Swimming.—Ability to swim 160 yards in four minutes and thirty seconds, using four strokes. Practical demonstration of life saving and knowledge of resuscitation; diving.

Strength.—Ability to equal the standard for strength in 42 of the chief muscles of the body.

Gymnasium requirements.—Ability to equal the “A” tests in 14 various uses of the body in gymnasium tests.

Posture.—Ability to demonstrate proper posture and direct others in the fundamentals of posture.

In addition to the above requirements midshipmen of the second class are instructed in officiating athletic contests in the various branches of sports.

FOURTH YEAR—FIRST CLASS

Instruction in self-defense in use of the cane, rough and tumble, boxing, and wrestling. Course in coaching athletics, selective for sports desired. Instruction in golf.

Textbook used, *Manual of Athletic Requirements*, United States Naval Academy.

Additional instruction given with moving pictures and selected slides.

ATHLETICS

In the branch of athletics, which is entirely voluntary, the department of physical training, in conjunction with the Navy Athletic Association, trains and fully equips all athletic teams, whether varsity, class, or company.

A complete organization with necessary equipment is provided so that a midshipman of any size, weight, or degree of skill may find suitable opportunity for participation during all recreation periods.

In general, all outside athletic competition is restricted to colleges and preparatory schools. A wide range of competitive sports ranging from varsity, freshman, and class competition to company meets, induces practically every midshipman to participate in one or more branches at some time during his course at the Naval Academy.

LIBRARY

The library contains 71,432 volumes, and increases at the rate of about 1,500 volumes a year. It is commodiously housed in Mahan Hall, in three large rooms, which are well lighted and ventilated, and all on the same level, with one of them containing a second deck for the shelving of bound sets of periodicals. The collection is especially rich in naval literature; and it is strong in history, biography, literature, travel, and reference books, with other subjects developed in less degree. About 75 periodicals are taken, 1 newspaper, and upward of 20 serials or annuals. All of this material is on open shelves, as freely accessible as it would be in one's own home. The arrangement is plain and convenient. The hours on week days are from 9 a. m. to 6.15 p. m., and on Sundays from 2.30 to 6 p. m. The allowance of books that may be borrowed is eight at a time to officers and professors, and two to midshipmen (periodicals counting as books). A bulletin board announces the new books, and shows the contents of the "Proceedings of the Naval Institute," a monthly magazine of uncommon merit and of great value to the service. Further, to show what the library has to offer and to promote its uses and service, a leaflet or mimeographed bulletin is issued about once a week, containing the titles of from 20 to 25 of the latest books acquired, and beneath each title is a line or two describing the characteristics of the work. Sometimes these bulletins are made up entirely of the titles of articles contained in the publications of naval or engineering societies, and at other times they show the latest articles of special professional interest that appear in the leading magazines. This bulletin is sent to all officers, professors, and midshipmen. It keeps them promptly informed of the books last acquired, and of those ready for use, and it is an aid to all concerned.

Use of the library has been growing steadily, both in reference and research work and in the number of books borrowed and carried to quarters. All midshipmen are required during their first summer to spend there one hour and a half a week. These periods are under the direction of the department of English, and professors of that department are present at such times. The purpose is to acquaint midshipmen with the books, and to teach them how to use the catalogue and to look up topics on which information is sought, when they have need to do so.

Midshipmen may go to the library at all times when their studies and duties do not prevent. The library, constructed on lines of broad culture, reflects this in the training of midshipmen, and aids in giving them that general development which is important in the aim of the Naval Academy.

SUMMARY OF COURSE IN AVIATION INSTRUCTION

A course in aviation for the graduating class, supplementing the regular curriculum, was established at the Naval Academy by the Navy Department in May, 1925. The course includes three months of special intensive training instruction in ground and flight work, the object being to send the graduating class away from the Naval Academy well founded in the fundamental requirements of naval aviation. The first class to receive this aviation instruction was the class graduating in 1926. The classes that graduated in 1927 and 1928 have also received this instruction.

The scope of the course includes the following subjects and practical training, with time allotted to each in accordance with its relative importance:

- Structure and rigging.

- Aviation engines.

- Theory of flight.

- Aircraft communication.

- Aerology.

- Navigational instruments.

- Aerial navigation.

- Radio code practice.

- Flight training.

- Aerial gunnery.

- Aerial bombing.

- Range gunnery.

- Aircraft scouting.

- Combat and flight formations.

- General and special lectures on aviation subjects by prominent aviators.

- Reading courses on aviation subjects.

In 1929, flight observation training during the summer immediately after graduation was discontinued. The class of 1929 did not, therefore, receive this instruction. In lieu thereof a second class summer was established and the members of the class of 1931 were retained at the Naval Academy to undergo practical instruction in aviation and engineering subjects.

At present the indications are that the summer aviation schedule for the second class will become permanent.

PRIZES AWARDED DURING THE ACADEMIC YEAR 1929-30

SECRETARY OF THE NAVY'S TROPHIES FOR EXCELLENCE IN SMALL-ARMS FIRING

Effective in 1930, the Navy Department will annually award a trophy to the midshipman of each graduating class who has demonstrated outstanding proficiency in the use of the service rifle, and also a trophy to the foremost pistol shot of each graduating class. These trophies are designated as the Secretary of the Navy's Rifle Trophy and the Secretary of the Navy's Pistol Trophy, respectively. Midshipman SAMUEL SYLVESTER YEATON, class of 1930, was awarded the pistol trophy. The rifle trophy was not awarded in 1930, as no midshipman of the graduating class demonstrated outstanding proficiency in the use of the service rifle.

PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE

The Naval Academy presents each year gold, silver, and bronze medals, respectively, to the midshipmen of the second class who stand first, second, and third in excellence in small-arms target practice.

Recipients: First prize (gold medal), Midshipman Berton Aldrich Robbins, jr., class of 1931; second prize (silver medal), Midshipman Clark Alexander Ritchie, class of 1931; third prize (bronze medal), Midshipman George Owen Kunkle, class of 1931.

Midshipmen who qualified as expert riflemen

SECOND CLASS (1931)

Quilter, E. S.

Williams, G. K.

Wright, E. A.

THIRD CLASS (1932)

Pfingstag, P. W.

Klinksiek, H. T.

FOURTH CLASS (1933)

Coleman, E. B.

CLASS OF 1897 SWORD AND CUP

A sword is awarded annually by the class of 1897 to that midshipman of the graduating class who has contributed most by his officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment. The name of the midshipman to whom the sword is awarded is inscribed on the class of 1897 cup. The cup is retained at the Naval Academy. Midshipman ANDREW MCBURNEY JACKSON, Jr., class of 1930, was awarded the sword and his name was inscribed on the cup.

CLASS OF 1871 SWORD

The class of 1871 provides funds each year to be given to that midshipman of the graduating class who is most proficient in practical and theoretical ordnance and gunnery, with the understanding that the recipient will purchase a Navy

dress sword with these funds. There are further requirements as to how the sword shall be engraved. Midshipman WILLIAM CLARE ENNIS, class of 1930, was awarded this prize.

CLASS OF 1924 PRIZE

A gold watch, suitably engraved, is presented each year by the class of 1924 to that midshipman of the graduating class who stands highest for the course in the department of engineering and aeronautics. Midshipman ANDREW MCBURNEY JACKSON, Jr., class of 1930, was awarded this prize.

GENERAL SOCIETY, SONS OF THE REVOLUTION CUP

A cup has been presented to the Naval Academy by the General Society, Sons of the Revolution, and remains here. Each year the name of the midshipman who is most proficient in practical ordnance and gunnery is inscribed thereon. The name of Midshipman WILLIAM ELLIS GENTNER, Jr., class of 1930, was inscribed on the cup.

NATIONAL SOCIETY, DAUGHTERS OF THE AMERICAN REVOLUTION SWORD

A sword is presented each year by the National Society, Daughters of the American Revolution, to the midshipman who excels in practical seamanship. Midshipman JAMES HALLECK HEAN, class of 1930, was awarded this prize.

MILITARY ORDER OF FOREIGN WARS' PRIZE

A wrist watch, suitably engraved, is presented each year by the Military Order of Foreign Wars, to that midshipman of the graduating class who stands highest for the course in the department of mathematics. Midshipman WELLINGTON T. HINES, class of 1930, was awarded the prize.

THOMPSON PRIZE

A navigating sextant is awarded by Col. Robert M. Thompson, class of 1868, U. S. N. A., to the member of each graduating class who proves himself most proficient in practical and theoretical navigation. Midshipman WELLINGTON T. HINES, class of 1930, was the recipient of the sextant.

VAN DYKE PRIZE

A gold watch, suitably inscribed, is annually presented by Dr. Henry Van Dyke to the member of each graduating class who submits the best original article or theme on any naval or equally patriotic subject. Midshipman WALLACE MARTIN GREENE, class of 1930, was awarded the prize.

GARDNER L. CASKEY MEMORIAL PRIZE

A watch, known as the Gardner L. Caskey memorial prize, is presented each year to the midshipman who graduates at the head of his class for the course. The watch was awarded to Midshipman ANDREW MCBURNEY JACKSON, Jr., class of 1930.

MAURY PRIZE

A pair of marine binoculars, known as the Maury prize, is presented each year by the United Daughters of the Confederacy to the midshipman of the third class who excels in physics. Midshipman RICHARD SHAI MANDELKORN, class of 1932, was awarded this prize.

COMMANDER JAMES EDWARD PALMER PRIZE

Mrs. James Edward Palmer presents a wrist watch, known as the Commander James Edward Palmer prize, to the midshipman of the graduating class who is declared the most proficient in practical steam engineering. The watch was awarded to Midshipman WILLIAM CLARE ENNIS, class of 1930.

LETTERS OF COMMENDATION AND APPRECIATION

In accordance with Naval Academy Order 15-29, letters of commendation and appreciation were addressed to the below-named midshipmen of the class of 1930, they having contributed most by their officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment during the academic year 1929-30:

Andrew McBurney Jackson, jr.

Mell Andrew Peterson.

William Ellis Gentner, jr.

Jack Sidney Dorsey.

Paul Moret.

Raymond Wilbur Johnson.

NATIONAL ASSOCIATION OF MUTUAL SAVINGS BANKS' PRIZE

The National Association of Mutual Savings Banks has offered an annual prize of \$100 for the best original essay on a theme relating to thrift and savings written by a member of the graduating class. Midshipman WALLACE MARTIN GREENE, class of 1930, was the winner.

NEW YORK TIMES' PRIZES

The New York Times presents annual prizes, as hereinafter enumerated, to the three midshipmen who in a competitive examination show the broadest knowledge and most thorough understanding of current events both domestic and foreign:

First prize.—A bronze plaque and a cash award of \$150. Recipient: Midshipman CHARLES ROBERT GILLIAM, class of 1930.

Second prize.—A cash award of \$75. Recipient: Midshipman RALPH WALDO ELDEN, class of 1931.

Third prize.—A cash award of \$25. Recipient: Midshipman DONALD MCPHERRIN WELLER, class of 1930.

THOMPSON TROPHY CUP

A cup known as the Thompson trophy cup has been presented to the Naval Academy by Col. Robert M. Thompson, class of 1868, U. S. N. A., on which is inscribed each year the name of the midshipman who shall be declared by the executive committee of the Navy Athletic Association to have done the most during the year preceding for the promotion of athletics at the Naval Academy. The name of Midshipman CLAUD WILBOURNE HUGHES, class of 1930, was inscribed on the cup.

NAVY ATHLETIC ASSOCIATION SWORD

A sword is presented at the end of each academic year by the Navy Athletic Association to the midshipman who is considered to have personally excelled in general athletics during that year. Midshipman BRYAN FRED SWAN, class of 1930, was awarded the sword.

HARVARD SHIELD

The numerals of the class of 1931 were engraved on the "Harvard Shield," which was presented by the Associated Harvard Clubs, as that class which excelled in interclass athletic contests during the past year.

CRENSHAW CUP

The name of Midshipman HORACIO RIVERO, Jr., class of 1931, was inscribed on the Crenshaw memorial cup for 1930. This cup was presented by Mr. E. A. Crenshaw, and upon it is to be inscribed each year the name of the coxswain of that 8-oared crew winning the greatest number of races for that year.

LYSISTRATA CHALLENGE CUP

The race for the "Lysistrata challenge cup" was held during the summer practice cruise, 1930, at Oslo, Norway. Midshipmen crews in standard Navy racing cutters competed. The crews finished in the following order: Arkansas, Utah, and Florida.

Annual register

1930-1931

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